



Regency Plateau® PTO30 Outdoor Decorative Gas Appliance

Owners & Installation Manual

Models: PTO30-NG1 / PTO30-LP1



WARNING: FOR OUTDOOR USE ONLY

⚠ WARNING:

If the information in these instructions are not followed exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

⚠ WARNING:

Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Read the installation, operating and maintenance instructions thoroughly before installing or servicing this equipment.

Installation and service must be performed by a qualified installer, service agency or the gas supplier.

⚠ WARNING - FOR YOUR SAFETY

What to do if you smell gas:

- Shut off gas to the appliance.
- Do not try to light any appliance.
- Extinguish any open flame.
- If odour continues, keep away from the appliance and immediately call your gas supplier or fire department.
- Do not touch any electrical switch: do not use any phone in your building.
- Immediately call your gas supplier from a neighbour's phone.
- Follow the gas supplier's instructions.
- If you cannot reach your gas supplier, call the fire department.

⚠ WARNING:

Do not store or use gasoline or other flammable vapours and liquids in the vicinity of this or any other appliance.

Tested by:




Installer: Please complete the details on the back cover and leave this manual with the homeowner.

Homeowner: Please keep these instructions for future reference.

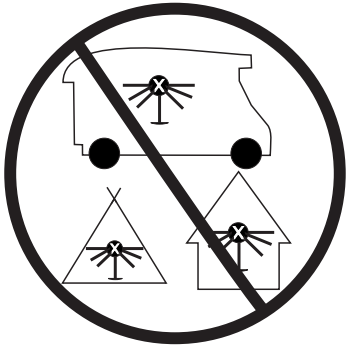
To the New Owner:

Congratulations!

You are the owner of a state-of-the-art Outdoor Decorative Gas Appliance by REGENCY®. The Plateau™ PTO30 Outdoor decorative gas appliance has been designed to provide you with all the warmth and charm of a fire at the flick of a switch. The Plateau™ PTO30 Outdoor Decorative Gas Appliance has been approved by Warnock Hersey/Intertek for both safety and efficiency. As it also bears our own mark, it promises to provide you with economy, comfort and security for many trouble free years to follow. Please take a moment now to acquaint yourself with these instructions and the many features of your Regency® decorative gas appliance.



DANGER



CARBON MONOXIDE HAZARD
This appliance can produce carbon monoxide which has no odor.

Using it in an enclosed space can kill you.

Never use this appliance in an enclosed space such as a camper, tent, car or home.



WARNING!



HOT GLASS WILL CAUSE BURNS

DO NOT TOUCH GLASS UNTIL COOLED

NEVER ALLOW CHILDREN TO TOUCH GLASS



NATIONAL FIREPLACE INSTITUTE
NFI
CERTIFIED
www.nficertified.org

We recommend that our products be installed and serviced by professionals who are certified in the U.S. by the National Fireplace Institute® (NFI) or in Canada by Wood Energy Technical Training (WETT).



Wood Energy Technical Training (WETT)
www.wett.org



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NOTE: PTO60 is two PTO30 units assembled end to end.

SAFETY LABEL

This is a copy of the label that accompanies each PTO30 Outdoor decorative gas appliance. We have printed a copy of the contents here for your review.

NOTE: Regency® units are constantly being improved. Check the label on the unit and if there is a difference, the label on the unit is the correct one.

COPY OF SAFETY DECAL

For the State of Massachusetts, installation and repair must be done by a plumber or gas fitter licensed in the Commonwealth of Massachusetts.

For the State of Massachusetts, flexible connectors shall not exceed 36 inches in length.

For the State of Massachusetts, the appliances individual manual shut-off must be a t-handle type valve.

408

DO NOT REMOVE THIS LABEL / NE PAS ENLEVER CETTE ÉTIQUETTE

REGENCY
FIREPLACE PRODUCTS

LISTED: OUTDOOR DECORATIVE GAS APPLIANCE / EXTERIEUR DÉCORATIFS APPAREIL À GAZ
Certified for/Certifiée pour: CANADA and U.S.A.
Tested to: ANSI Z21.97-2010 (US) / CR97-003 (CAN) / CAN / CGA-2.17-M91

NATURAL GAS: Model PTO30-NG1		PROPANE GAS: Model PTO30-LP1	
Maximum supply pressure	14" (3.49 kPa)	Maximum supply pressure	14" (3.49 kPa)
Minimum supply pressure	5" (1.25 kPa)	Minimum supply pressure	11" (2.74 kPa)
Manifold pressure high	35" (0.87 kPa)	Manifold pressure high	10" (2.49 kPa)
Manifold pressure low	1.6" (0.40 kPa)	Manifold pressure low	6.4" (1.59 kPa)
Orifice size	#25	Orifice size	#45
Maximum input	50,000 Btu/h (14.65 kW)	Maximum input	49,000 Btu/h (14.36 kW)
Minimum input	30,000 Btu/h (8.79 kW)	Minimum input	38,000 Btu/h (11.13 kW)
Altitude	0-4800 ft (0-1372m)	Altitude	0-4300 ft (0-1372m)

APPAREIL FONCTIONNANT AU NATUREL GAZ CONÇU POUR ÊTRE POËLE: Modèle PTO30-NG1
 Pression d'alimentation maximum
 Pression d'alimentation minimum
 Pression à la tubulure d'échappement élevée
 Pression à la tubulure d'échappement basse
 Grandeur de l'injecteur
 Débit Calorifique maximum selon l'altitude
 Débit Calorifique minimum selon l'altitude

ÉQUIPE À L'USINE POUR GAZ PROPANE CONÇU POUR ÊTRE POËLE: Modèle PTO30-LP1
 Pression d'alimentation maximum
 Pression d'alimentation minimum
 Pression à la tubulure d'échappement élevée
 Pression à la tubulure d'échappement basse
 Grandeur de l'injecteur
 Débit Calorifique maximum selon l'altitude
 Débit Calorifique minimum selon l'altitude

FOR OUTDOOR USE ONLY / POUR USAGE EXTERIEUR SEULEMENT
IF STORED INDOORS, DETACH AND LEAVE CYLINDER OUTDOORS / SI VOUS LE GARDER À L'INTÉRIEUR, DETACHER LE CYLINDRE ET LAISSER À L'EXTÉRIEUR

NE PAS UTILISER AVEC DES COMBUSTIBLES SOLIDES.
 NE PAS UTILISER AVEC DES COMBUSTIBLES SOLIDES.

PTO30-NG1
PTO30-LP1

408

Serial No. / No de serie

408

Minimum Clearances to Combustibles / Degagement Minimum De Matériaux Combustibles

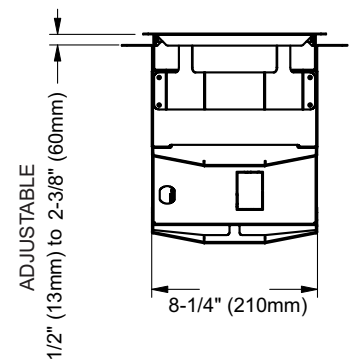
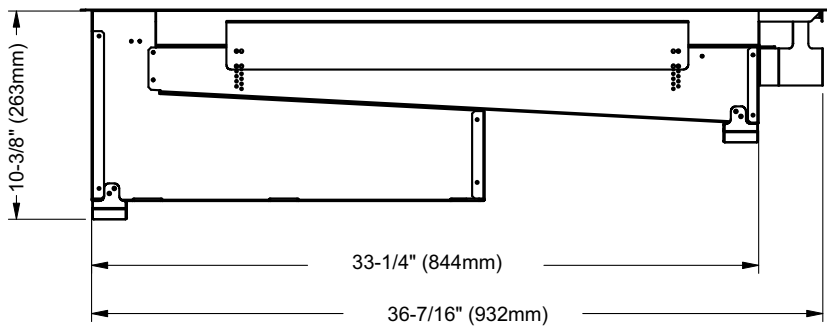
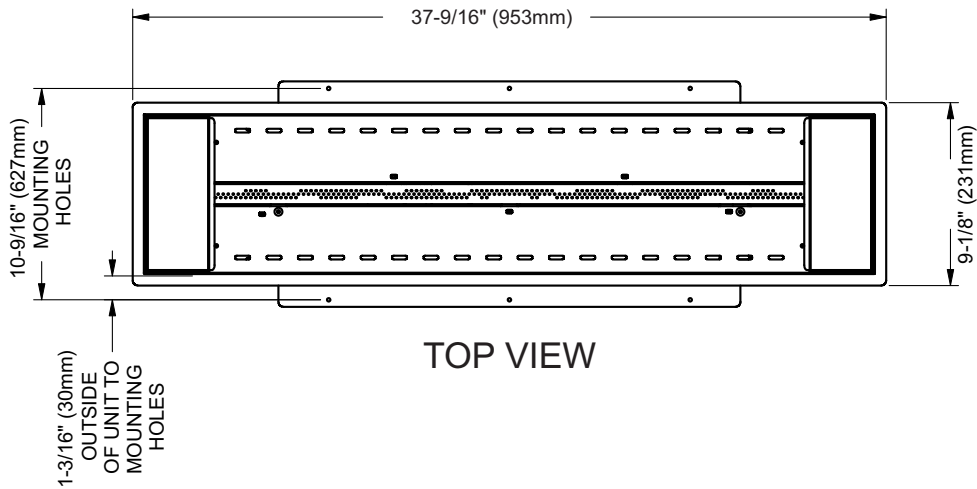
Back Wall A 17" (432mm)
Side Wall B 17" (432mm)
Ceiling C 45" (1143mm)
Unit Base D 1" (25mm)

Made in Canada / Fabriqué au Canada

FPI Fireplace Products International Ltd.
 6988 Venture St.
 Delta, BC, Canada V4G 1H4

PTO30-NG1
PTO30-LP1

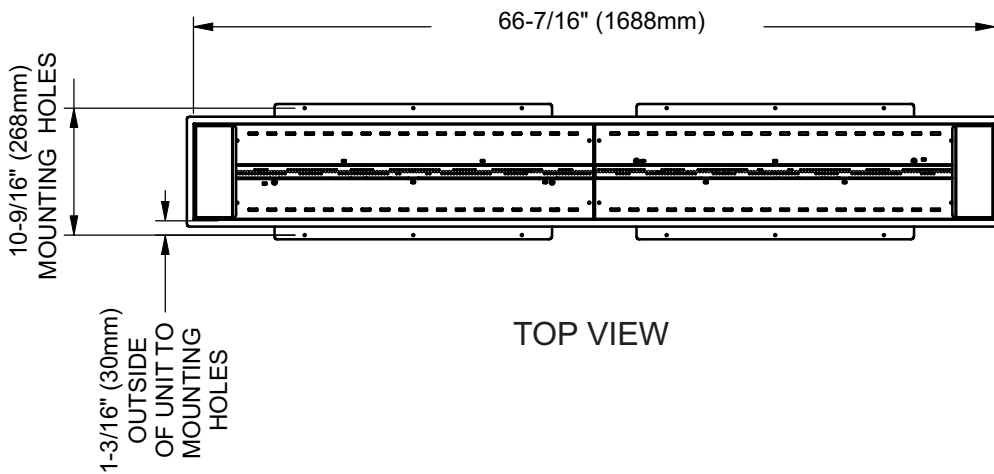
PTO30 UNIT DIMENSIONS



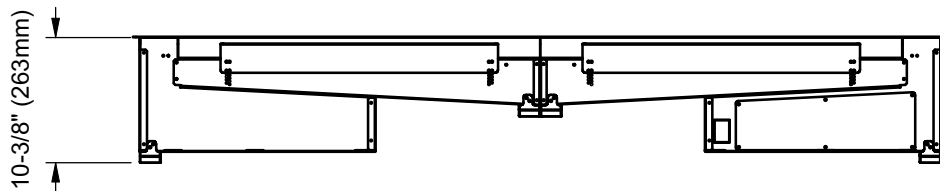
DIMENSIONS

PTO60 UNIT DIMENSIONS

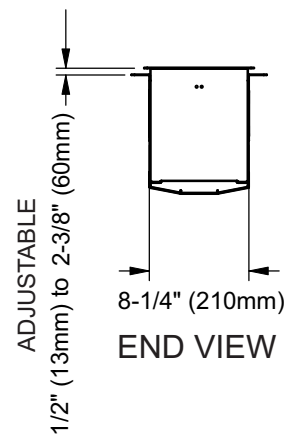
NOTE: PTO60 is two PTO30 units assembled end to end (see PTO60 assembly for more details).



TOP VIEW



SIDE VIEW



END VIEW

IMPORTANT MESSAGE SAVE THESE INSTRUCTIONS

The PTO30 Outdoor Decorative Gas Appliance must be installed in accordance with these instructions. Carefully read all the instructions in this manual first. Consult the "authority having jurisdiction" to determine the need for a permit prior to starting the installation. It is the responsibility of the installer to ensure this decorative gas appliance is installed in compliance with manufacturers instructions and all applicable codes.

BEFORE YOU START

Safe installation and operation of this appliance requires common sense, however, we are required by the Canadian Safety Standards and ANSI Standards to make you aware of the following:

INSTALLATION AND REPAIR SHOULD BE DONE BY AN AUTHORIZED SERVICE PERSON. THE APPLIANCE SHOULD BE INSPECTED BEFORE USE AND AT LEAST ANNUALLY BY A PROFESSIONAL SERVICE PERSON. MORE FREQUENT CLEANING MAY BE REQUIRED DUE TO EXCESSIVE LINT FROM CARPETING, BEDDING MATERIAL, ETC. IT IS IMPERATIVE THAT CONTROL COMPARTMENTS, BURNERS AND CIRCULATING AIR PASSAGEWAYS OF THE APPLIANCE BE KEPT CLEAN.

ANY GUARD OR OTHER PROTECTIVE DEVICE REMOVED FOR SERVICING THE APPLIANCE MUST BE REPLACED PRIOR TO OPERATING THE APPLIANCE

WARNING: FAILURE TO INSTALL THIS APPLIANCE CORRECTLY WILL VOID YOUR WARRANTY AND MAY CAUSE A SERIOUS FIRE.

CHILDREN AND ADULTS SHOULD BE ALERTED TO THE HAZARDS OF HIGH SURFACE TEMPERATURES, ESPECIALLY THE DECORATIVE GAS APPLIANCE GLASS AND FACEPLATE, AND SHOULD STAY AWAY TO AVOID BURNS OR CLOTHING IGNITION.

THIS APPLIANCE SHALL BE USED ONLY OUTDOORS IN A WELL-VENTILATED SPACE AND SHALL NOT BE USED IN A BUILDING, GARAGE OR ANY OTHER ENCLOSED AREA.

DO NOT USE THIS APPLIANCE IF ANY PART HAS BEEN UNDER WATER. IMMEDIATELY CALL A QUALIFIED SERVICE TECHNICIAN TO INSPECT THE APPLIANCE AND TO REPLACE ANY PART OF THE CONTROL SYSTEM AND ANY GAS CONTROL WHICH HAS BEEN UNDER WATER.

CLOTHING OR OTHER FLAMMABLE MATERIAL SHOULD NOT BE PLACED ON OR NEAR THE APPLIANCE.

SOLID FUELS SHALL NOT BE BURNED IN THIS APPLIANCE.

YOUNG CHILDREN SHOULD BE CAREFULLY SUPERVISED WHEN THEY ARE IN THE SAME AREA AS THE APPLIANCE. TODDLERS, YOUNG CHILDREN AND OTHERS MAY BE SUSCEPTIBLE TO ACCIDENTAL CONTACT BURNS. A PHYSICAL BARRIER IS RECOMMENDED IF THERE ARE AT RISK INDIVIDUALS IN THE HOUSE. TO RESTRICT ACCESS TO A DECORATIVE GAS APPLIANCE OR STOVE, INSTALL AN ADJUSTABLE SAFETY GATE TO KEEP TODDLERS, YOUNG CHILDREN AND OTHER AT RISK INDIVIDUALS OUT OF THE ROOM AND AWAY FROM HOT SURFACES.

DONOT SIT OR STAND ON DECORATIVE GAS APPLIANCE.

GENERAL SAFETY INFORMATION

- 1) The installation must conform with local codes or, in the absence of local codes, with *CAN/CSA-B149.1*, Natural Gas and Propane Installation Code or *CAN/CSA-B149.2*, Propane installation code the Natural Gas Fuel Code, *ANSI Z223.1/NFPA 54*.
- 2) See general construction and assembly instructions. The appliance should be enclosed.
- 3) Inspect the burner before each use of the appliance for blockage and any signs of deterioration

- 4) To prevent injury, do not allow anyone who is unfamiliar with the operation to use the decorative gas appliance.
- 5) Wear gloves and safety glasses for protection while doing required maintenance.
- 6) Maximum gas inlet pressure = 1/2 psig.
- 7) Under no circumstances should this appliance be modified. Parts that have to be removed for servicing should be replaced prior to operating this appliance.
- 8) Installation and any repairs to this appliance should be done by a qualified service person. A professional service person should be called to inspect this appliance annually. Make it a practice to have all of your gas appliances checked annually.
- 9) Under no circumstances should any solid fuels (wood, paper, cardboard, coal, etc.) be burned in this appliance.
- 10) The appliance and its individual shutoff valve must be disconnected from the gas supply piping system during any pressure testing of that system at test pressures in excess of 1/2 psi (3.5kPa).
The appliance must be isolated from the gas supply piping system by closing its individual manual shutoff valve during any pressure testing of the gas supply piping system at test pressures equal to or less than 1/2 psi (3.5 kPa).
- 11) The appliance area must be kept clear and free of combustible materials, (gases and other flammable vapours and liquids).

It is highly recommended to protect the interior from moisture (rain, snow). Cover the enclosure opening when not in use. This decorative gas appliance is only for use with the type of gas indicated on the rating plate. This decorative gas appliance is not convertible for use with other gases, unless a certified kit is used.

- 12) When not using appliance for extended periods of time - turn off gas supply.

Emissions from burning wood or gas could contain chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

INSTALLATION CHECKLIST

If installing as PT060 (2 x PT030 end to end) you must repeat steps 2 - 5 for both units.

1. Locate appliance:
 - a) Refer to "Locating Your Outdoor decorative gas appliance" section
 - b) Clearances to Combustibles (Refer to "Clearances" section)
 - c) Framing & Finishing Requirements (Refer to "Framing & Finishing" section)
2. Drain Installation (recommended).
3. Install ON/OFF switch - ensure it is in the OFF position.
4. Make gas connections - test for leaks.
5. Install 4 "AA" batteries into each battery pack. This unit will not operate without AA batteries in place.
6. Install standard and optional features. Refer to the following sections:
 - a. Glass Crystals
 - b. Volcanic Stone Installation (optional)
 - c. Log Installation (optional)
 - d. Glass Surround Installation (optional)

7. Final check.

This includes:

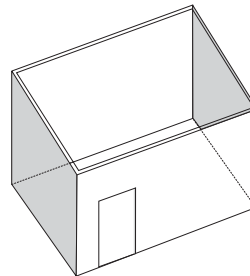
1. Clocking the appliance to ensure the correct firing rate (rate noted on label), after burning appliance for 15 minutes.
2. If required, adjusting the primary air to ensure that the flame does not carbon. First allow the unit to burn for 15-20 min. to stabilize.

CAUTION: Any alteration to the product that causes sooting or carboning that results in damage is not the responsibility of the manufacturer.

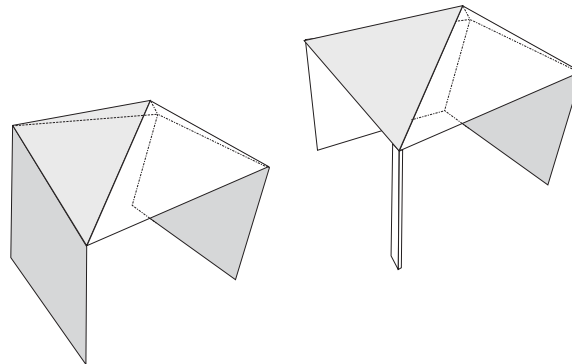
LOCATING YOUR OUTDOOR DECORATIVE GAS APPLIANCE

1. When selecting a location for your decorative gas appliance, ensure that the clearances are met.
2. This appliance must be installed in an open-air situation with natural ventilation, without stagnant areas, where gas leakage and products of combustion are rapidly dispersed by wind and natural convection.
3. Certain materials or items, when placed under or near the appliance, will be subjected to radiant heat and could become damaged.
4. Typically an outdoor space is not enclosed but, any enclosure in which the appliance is used shall comply with one of the following:

An enclosure with walls on all sides, but at least one permanent opening at ground level and no overhead cover.



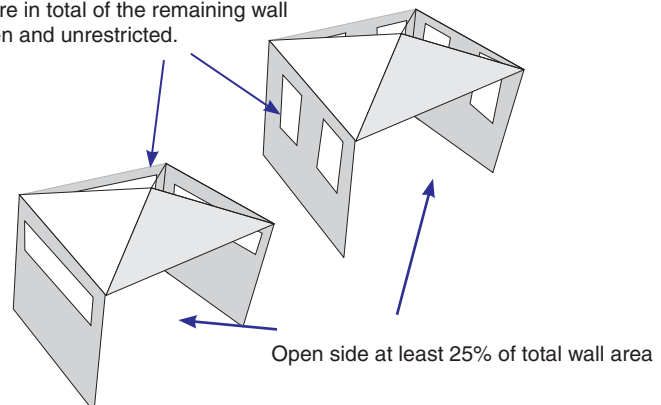
Within a partial enclosure that includes an overhead cover and no more than two walls.



Within a partial enclosure that includes an overhead cover and more than two walls, the following shall apply:

- At least 25% of the total wall area is completely open, and
- At least 30% of the remaining wall area is open and unrestricted

30% or more in total of the remaining wall area is open and unrestricted.



***SEE IMPORTANT INSTALLATION NOTES NEXT PAGE**

IMPORTANT INFORMATION FOR OUTDOOR FIREPLACE INSTALLATIONS

- Never insulate around the body of the unit
- Excessive heat retention in the firebox will lead to component failure and fireplace malfunction
- Excessive heat retention will also increase the risk of fire inside the chase
- Heat retention can cause “Oil-canning” and damage the fireplace due to overheating
- Do not build up a wall of any type in front or to the sides of the appliance, higher than the firebox opening. This will create a pressure zone at the firebox and will prevent the unit from venting
- This is an outdoor appliance with a built-in drain. This drain should be installed and connected in all applications as per the instructions in this manual
- Inadequate drainage will cause rust and reduce the life of your appliance, this is not protected by warranty

COMPONENTS IN OUTDOOR APPLIANCES

- Outdoor units use the same consistent, reliable Electronic components used in most Regency “E” units
- Installed correctly, these components will be subjected to far lower temperatures than indoor units, which have been certified as safe from heat etc
- Working gas pressures are as critical in outdoor products as they are in indoor products, even more important in Electronic systems

COMMON MISCONCEPTIONS REGARDING OUTDOOR FIREPLACES

- There is a common misconception that being outdoors, an Outdoor Fireplace will function, regardless of circumstances,
- Outdoor fireplaces require the same amount of ventilation as indoor units, often more
- Outdoor units require adequate ventilation to the atmosphere, which in turn provides ongoing circulatory combustion air
- This type of Appliance Vents.
- All Outdoor Fireplace Products have the same need for Air/Oxygen, and an ability to Vent
- Even though the appliance is outdoors, this doesn't mean it is getting adequate air
- Requirements are not specific to Regency units
- Read and follow critical location guidelines in this manual
-

UNDERSTANDING OUTDOOR APPLIANCE REQUIREMENTS

- Don't overlook the obvious
- Widen your margin for error
- Combustion always requires the same three elements
- Only the quantities and volumes change



IMPORTANT THINGS TO REMEMBER

- Correct Working Gas pressure is critical on “E” units
- Wherever possible avoid locating on a flat wall in a tight corner
- Floor space doesn't count as “open area”
- Install to the manual specs for framing and **do not insulate** unit or enclosure
- Framing enclosure must at least meet minimum dimensional specs as per the installation manual
- Only Regency approved media should be used in the firebox (i.e. stones/glass)
- Be aware of pressure zones due to location (i.e. facing the ocean)
- Open walls and doorways to outside air are beneficial to the performance of an outdoor appliance
- Fixed roof/ceiling open areas count towards the total open area overall requirement
- Screens create 40% or more air restriction
- Screened areas are restrictions and reduce open air space, calculate area based on a **closed** screen
- The biggest problems are created by lack of airflow for the appliance
- Outdoor fireplaces are often built-in systems and incorrect installation can result in high repair costs
- Units must not be modified or altered in any way

ANTICIPATED ISSUES CAUSED BY INCORRECT LOCATION OR INSTALLATION

- Unit shutting down intermittently
- Overheating of components leading to failure
- Lifting flame
- Poor flame package (i.e. all to one side, lazy flame)
- Failure to ignite
- Excess carbon
- Safety issues and concerns created from the byproducts of combustion

OUTDOOR APPLIANCES REQUIRE VENTING

- Outdoor appliances must be installed in: open-air situations with natural ventilation and without stagnant areas
- Any gas leakage and products of combustion need to be rapidly dispersed by wind and natural convection
- Typically outdoor spaces are not enclosed, however, failure to adhere to installation guidelines, may cause the outdoor fireplace to be affected by wind or air pressure inside the enclosure
- **ANY** enclosure in which the appliance is used shall comply with one of the diagrams on the previous page.

OUTDOOR APPLIANCE INSTALLATION SUMMARY

- All walls + overhead cover = 100% total area
- One of four walls or full overhead area must be totally open, plus—one of remaining walls must have a fixed opening
- All outdoor fireplaces/fire tables require total **natural** ventilation of 50% open space

MINIMUM CLEARANCES TO COMBUSTIBLES

The clearances listed below are Minimum distances unless otherwise stated:

A major cause of fires is failure to maintain required clearances (air space) to combustible materials. It is of the greatest importance that this decorative gas appliance be installed only in accordance with these instructions.

Caution Requirements

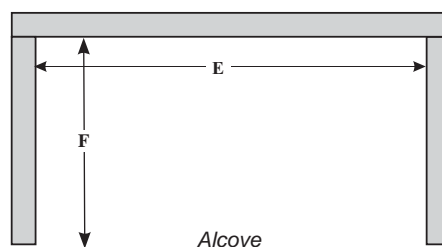
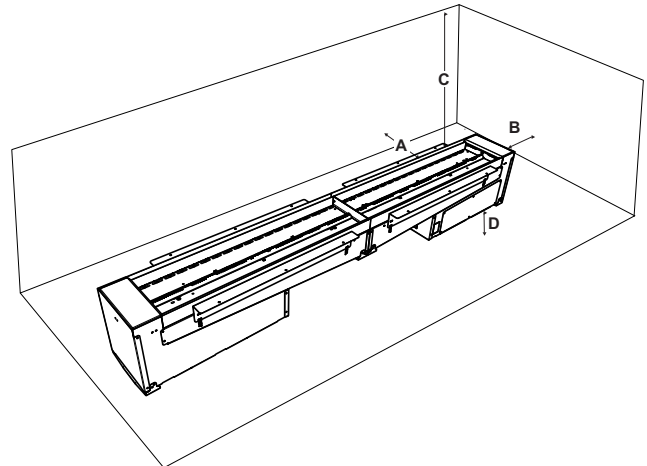
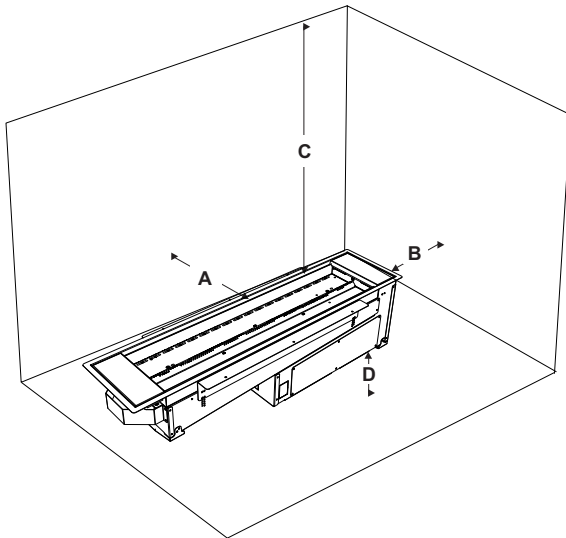
The top, back and sides of the decorative gas appliance are defined by standoffs. The metal ends of the standoff may **NOT** be recessed into combustible construction.

WARNING

Fire hazard is an extreme risk if these clearances (air space) to combustible materials are not adhered to. It is of greatest importance that this decorative gas appliance be installed only in accordance with these instructions.

PTO30/PT060 Clearance Requirements

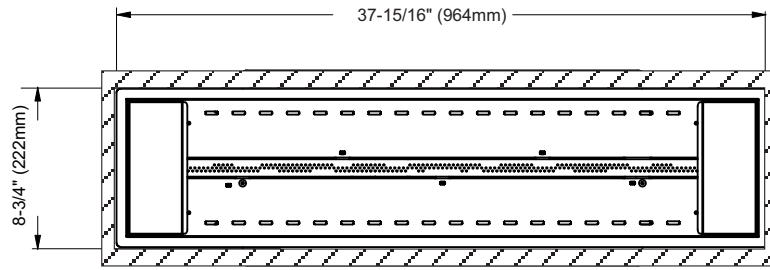
Clearance:	Dimension	Measured From:
A: Back wall	17" (432mm)	Burner to back wall
B: Sidewall	17" (432mm)	Burner to sidewall
C: Ceiling	45" (1143mm)	Burner to Ceiling
D: Unit Base	1" (25mm)	Unit Base to Combustible
E1: Alcove Width 30" E2: Alcove Width 60"	84" (2134mm) 100" (2540mm)	Wall to Wall (Minimum)
F: Alcove Depth	60" (1524mm)	Front to Back Wall (Maximum)
Notes:	0"	No Hearth Required



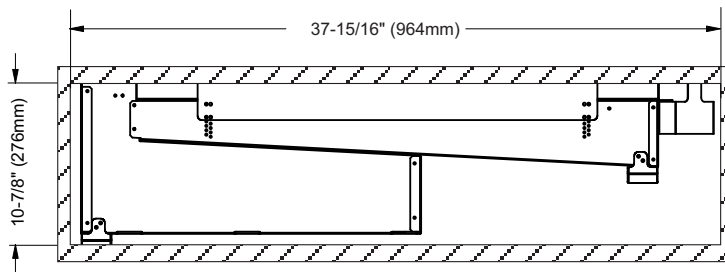
INNER FRAMING DIMENSIONS (REQUIRED)

NOTE: FRAMING MATERIAL NOT SUPPLIED

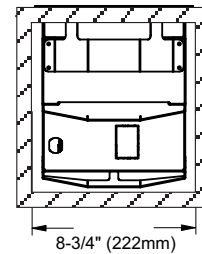
PTO30



TOP VIEW



SIDE VIEW



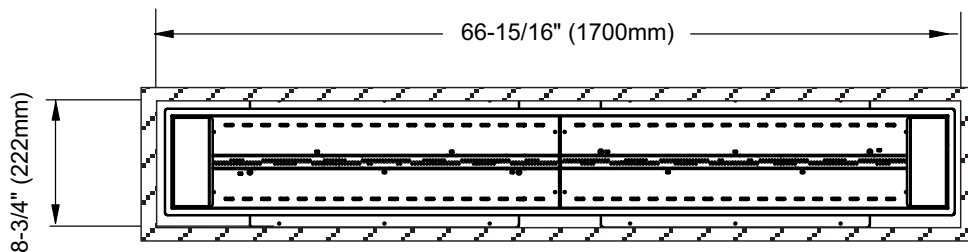
END VIEW

NOTE: Framing materials must be non-combustible when used within 4" of the unit. Combustible framing materials may be used outside the 4" clearance range.

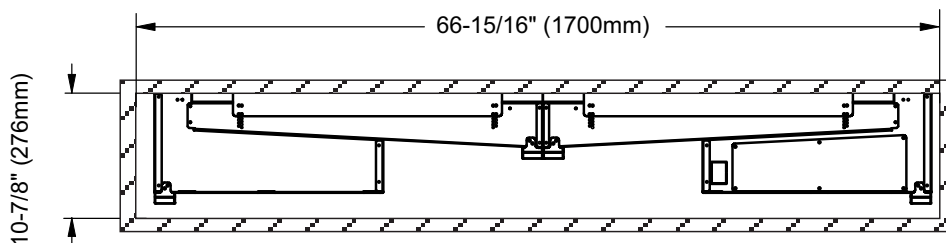
Finishing materials **MUST** be non-combustible.

Consideration should be given to weather / elements when choosing framing materials (ie. treated lumber, steel stud).

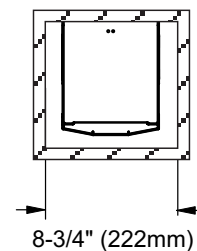
PTO60



TOP VIEW



SIDE VIEW

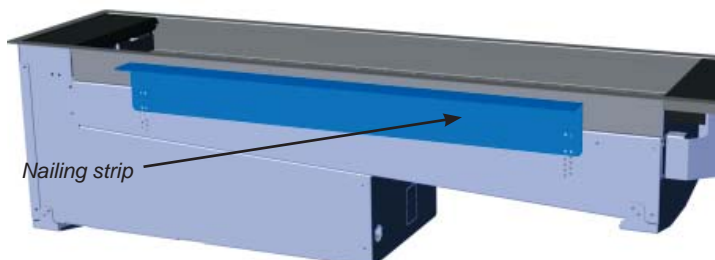


END VIEW

INSTALLATION

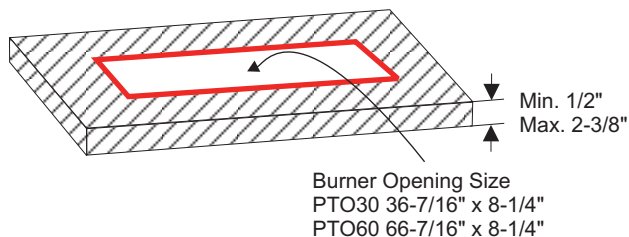
FINISHING

Side nailing strips are adjustable for material from a minimum of 1/2" thick up to a maximum of 2-3/8" thick.

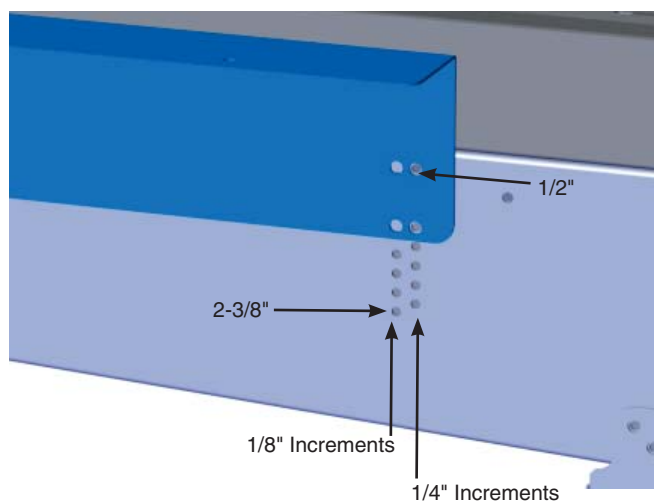


FINISHING MATERIALS:

This burner is designed to be finished with non-combustible materials (ie. tile, granite, marble, brick, etc.) with a minimum thickness of 1/2" to a maximum thickness of 2-3/8".

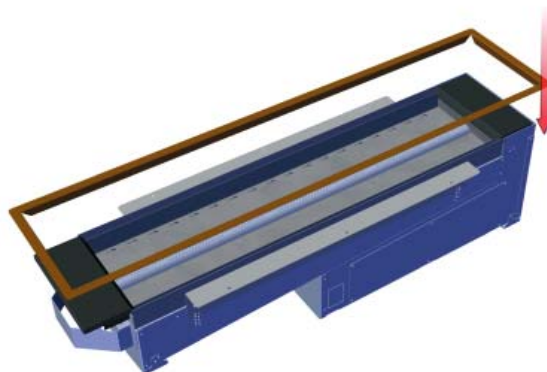


Side nailing strips are adjustable in 1/4" or 1/8" increments. Each hole on the inside line is 1/8", each hole on the outside line is 1/4". Determine the thickness of the finishing material before adjusting the nailing strips.



OPTIONAL FINISHING TRIM

Optional finishing trim is supplied with the PTO30 - place finishing trim on unit between unit and finishing material.



PTO30-NG1 SYSTEM DATA

Max. Supply Pressure	14" WC (3.49 kpa)
Min. Supply Pressure	5" WC (1.25 kpa)
Manifold Pressure	3.5" WC (0.87 kpa)
Manifold Pressure -Low	1.6" WC (0.40 kpa)
Orifice Size	#25 DMS
Minimum Input	30,000 Btu/h (8.79 kW)
Maximum Input	50,000 Btu/h (14.65 kW) 3

PTO30-LP1 SYSTEM DATA

Max. Supply Pressure	14" WC (3.49 kpa)
Min. Supply Pressure	11" WC (2.73 kpa)
Manifold Pressure	10" WC (2.49 kpa)
Manifold Pressure-Low	6.4" WC (1.59 kpa)
Orifice Size	#45 DMS
Minimum Input	38,000 Btu/h (11.13 kW)
Maximum Input	49,000 Btu/h (14.36 kW)

NOTE:

The PTO60 has a combined min. input of 60,000 Btu - NG/ 76,000 Btu - LP and max. input of 100,000 Btu - NG / 98,000 Btu - LP. Care should be taken when sizing the gas pipe due to the extremely high Btu of this unit.

HIGH ELEVATION

This unit is approved for altitude 0 to 4500 ft. (CAN/ CGA 2.17-M91).

GAS LINE INSTALLATION

Since some municipalities have additional local codes it is always best to consult with your local authorities and the CAN/CGA B149 installation code.

For USA installations follow local codes and/or the current National Fuel Gas Code, ANSI Z223.1.

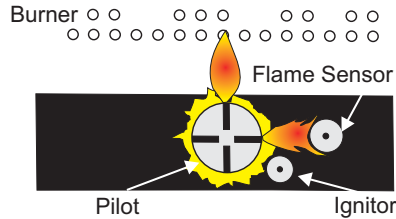
When using copper or flex connectors use only approved fittings. Always provide a union so that gas lines can be easily disconnected for servicing. Flare nuts for copper lines and flex connectors are usually considered to meet this requirement.

NOTE: A shutoff / dante valve should be supplied in or near the unit (or as per local codes) for ease of servicing this appliance.

IMPORTANT: Always check for gas leaks with a soap and water solution or gas leak detector. Do not use open flame for leak testing.

PILOT ADJUSTMENT

Periodically check the pilot flames. Correct flame pattern has two strong blue flames: 1 flowing around the flame sensor and 1 flowing across the burner (it does not have to be touching the burner).



Note: If you have an incorrect flame pattern, contact your Regency® dealer for further instructions.

Incorrect flame pattern will have small, probably yellow flames, not coming into proper contact with the rear burner or flame sensor.

GAS PIPE PRESSURE TESTING

The appliance must be isolated from the gas supply piping system by closing its individual manual shut-off valve during any pressure testing of the gas supply piping system at test pressures equal to or less than 1/2 psig. (3.45 kPa). Disconnect piping from valve at pressures over 1/2 psig.

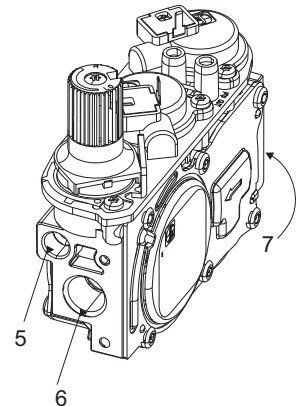
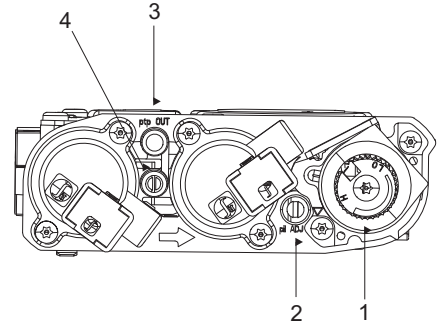
The manifold pressure is controlled by a regulator built into the gas control, and should be checked at the pressure test point.

Note: To properly check gas pressure, both inlet and manifold pressures should be checked using the valve pressure ports on the valve.

1. Make sure the valve is in the "OFF" position.
2. Loosen the "IN" and/or "OUT" pressure tap(s), turning counterclockwise with a 1/8" wide flat screwdriver.
3. Attach manometer to "IN" and/or "OUT" pressure tap(s) using a 5/16" ID hose.
4. Light the pilot and turn the valve to "ON" position.
5. The pressure check should be carried out with the unit burning and the setting should be within the limits specified on the safety label.
6. When finished reading manometer, turn off the gas valve, disconnect the hose and tighten the screw (clockwise) with a 1/8" flat screwdriver.
Note: Screw should be snug, but do not over tighten.

886 S.I.T. VALVE DESCRIPTION

- 1) Manual high/low adjustment
- 2) Pilot adjustment
- 3) Outlet Pressure Tap
- 4) Inlet Pressure Tap
- 5) Pilot Outlet
- 6) Main Gas Outlet
- 7) Main Gas Inlet



AERATION ADJUSTMENT

The burner aeration is factory set but may need adjusting due to either the local gas supply or altitude. Open the air shutter for a blue flame or close for a more yellow flame.

Minimum Air Shutter Opening:

Fully Closed	NG
1/2"	LP

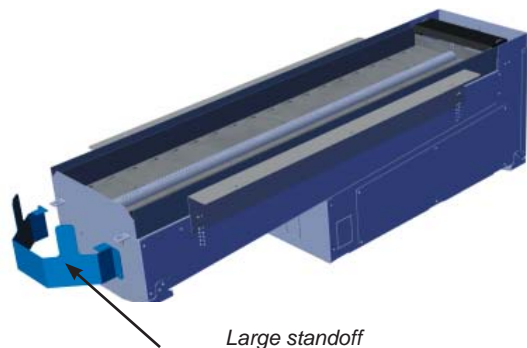
Note: Any damage due to carboning resulting from improperly setting the aeration controls is NOT covered under warranty.

INSTALLATION

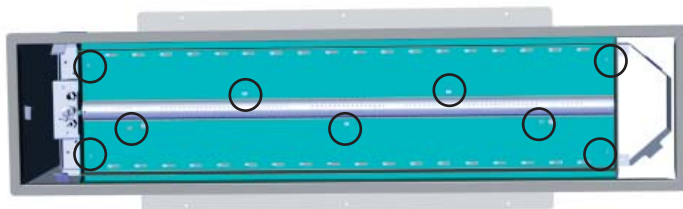
PTO60 ASSEMBLY

NOTE: PTO60 is two PTO30 units assembled end to end. You must purchase two PTO30s to make a PTO60.

1. Remove the large stand off on the end of the unit from both PTO30 units - by removing 2 screws per side.

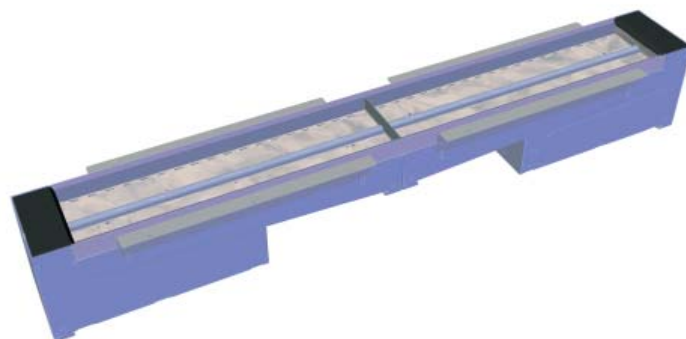
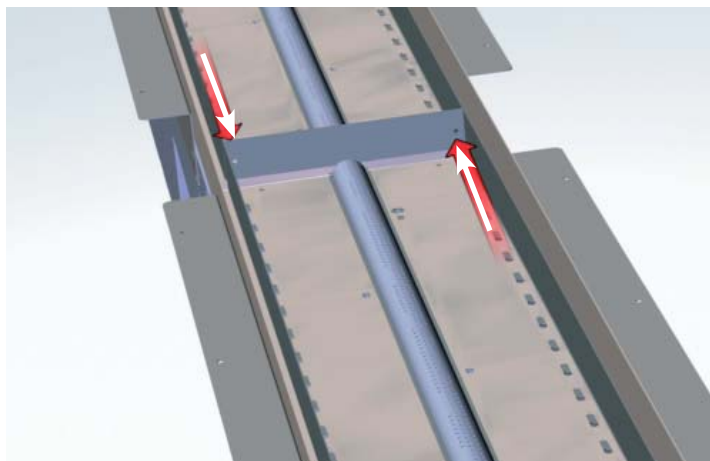


2. Remove 9 screws in locations shown below to remove burner tray (remove from both units).



3. Lift burner tray off-burner tube can remain in place.

4. Line the two units up end to end. Screw fireboxes together (one from each side).
5. Reinstall burner trays.



6. Install units together into framing (refer to framing section). Secure in place with nailing strips.

PTO30 WALL SWITCH AND BATTERY INSTALLATION (INCLUDED WITH UNIT)

The unit comes with low voltage wire and a battery extension wire installed.

1) Run supplied wire to desired location - to a max. of 9 feet.

2) Install supplied electrical box in desired location.



3) Remove center knock out from electrical box and install strain relief (strain relief nut not required).



Center knock out



Strain Relief

4) Route low voltage wire and battery extension wire through the strain relief.

5) Connect low voltage wire to supplied switch, fasten switch to right side of electrical box (polarity not important).



6) Install supplied 4-AA batteries into the battery holder. Using velcro install battery holder to the backside of the battery compartment door. Connect battery terminal.

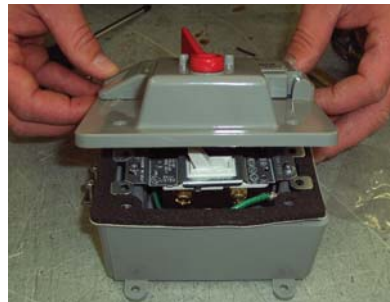
7) Using silicone, completely seal strain relief to protect from water or moisture.



8) Place supplied gasket on top of electrical box.

9) Fasten cover to electrical box using supplied screws.

10) Place switch in OFF position until final installation is complete.



INSTALLATION

PTO60 WALL SWITCH AND BATTERY INSTALLATION (INCLUDED WITH UNIT)

NOTE: PTO60 is two PTO30 units assembled end to end.

Note: Each PTO30 comes with a wall switch. However, only **one** wall switch is required. The 2nd switch can either be discarded or saved as a spare part.

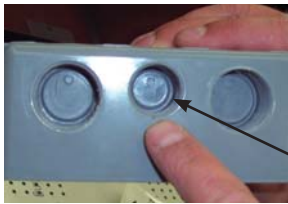
The units come with a low voltage wire and a battery extension wire installed on each burner.

1) Run supplied wire to desired location - to a max. of 9 feet for both burners.

2) Install supplied electrical box in desired location.



3) Remove center knock out from electrical box and install strain relief (strain relief nut not required).



Center knock out



Strain Relief

4) Connect both sets of low voltage wires together from each burner - white with white and black with black.

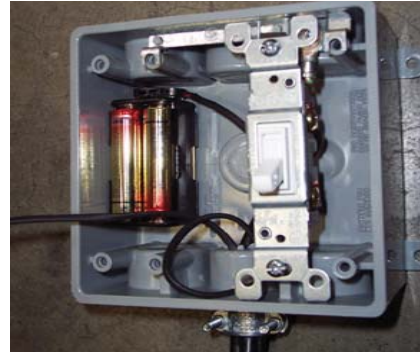
5) Route low voltage wires and battery extension wire through the strain relief.

Note: Ensure the battery extension wires are approx. 8" in length inside the electrical box.

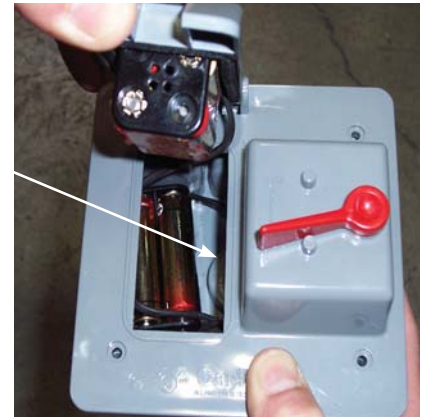
This excess will ensure ease of battery replacement and servicing in the future.



6) Attach low voltage wires to the switch - ensure to attach on the right side of the switch. This will make it easier to remove the 2nd battery terminal when replacing batteries. Fasten switch to right side of electrical box as shown below.



7) Install 4- AA batteries into each battery terminal. Ensure correct polarity. Slide the first battery terminal all the way to the right - until it is next to the switch. The 2nd battery terminal can be attached to the battery cover with the supplied velcro.



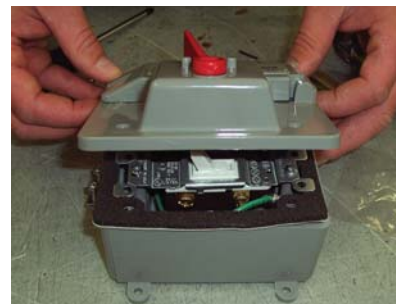
Slide 1st battery pack to the right.

8) Using silicone, completely seal strain relief to protect from water or moisture.

9) Place supplied gasket on top of electrical box.

10) Fasten cover to electrical box using supplied screws.

11) Place switch in OFF position until final installation is complete.



PTO30/PT060 DRAIN INSTALLATION (RECOMMENDED)

Although this decorative gas appliance is designed to operate outdoors safely, rain and other sources of moisture may enter the burner area, which will cause water to collect inside the base of the unit.

NOTE: The PT060 requires installation of 4 drains (two per PTO30).

To prevent excessive water collection, the installer should provide a way to drain the water from the base of the unit by building or installing a water collector before positioning the decorative gas appliance in its location.

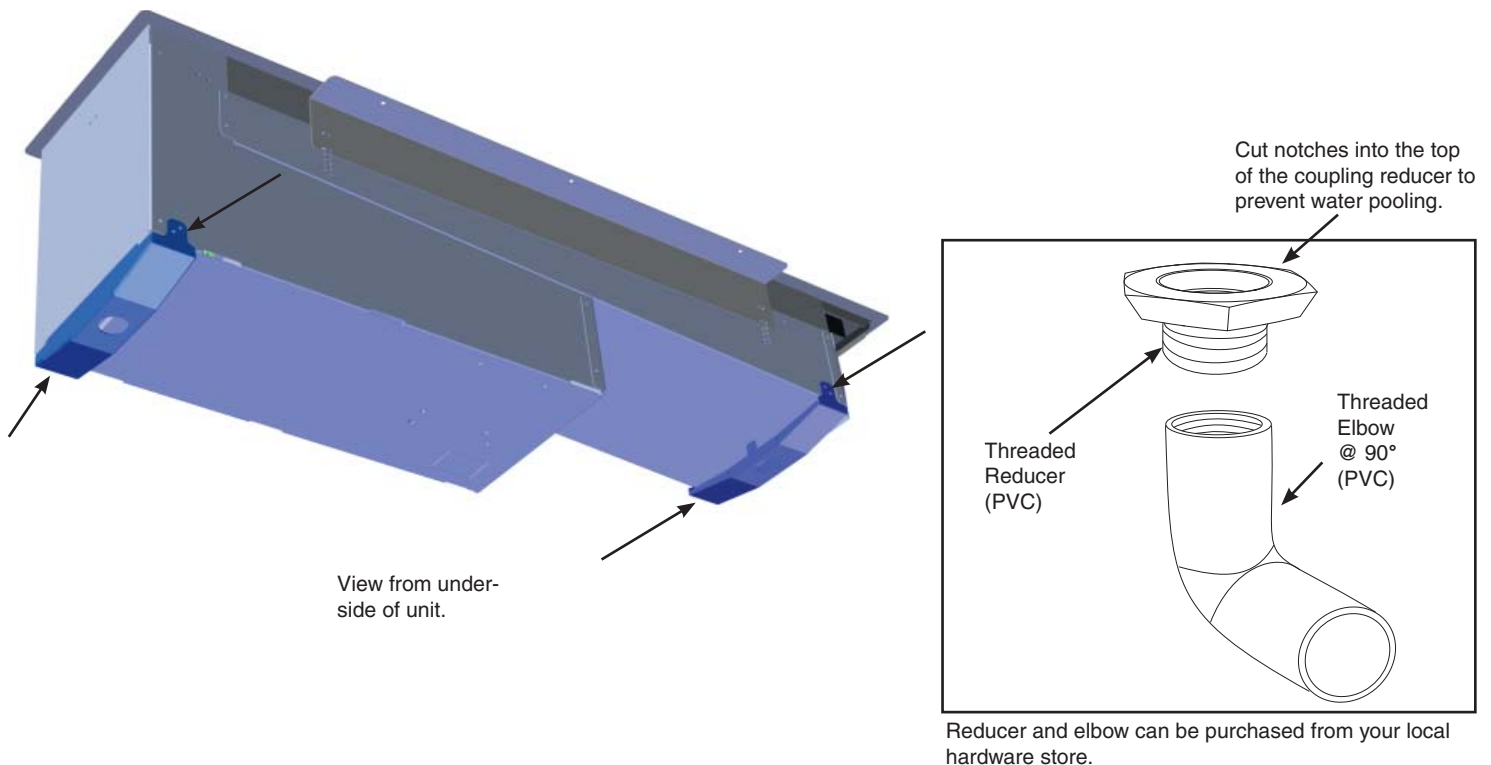
INSTALLATION INSTRUCTIONS

1. Remove 4 screws (2 each side) to remove the bracket from the bottom of the burner.
2. On the exposed drain hole (see location below), install a PVC 3/4" threaded coupling reducer going from the top of the pan, down through the hole. Apply a silicone-based sealant around the base and threads before installation. Cut notches into the top of the coupling reducer to prevent water pooling.
3. Holding the reducer coupling with a wrench, thread a 90° PVC elbow (from the underside of the unit) to the reducer until it is tight to the metal.
4. Reinstall bracket from Step 1.
5. Repeat steps 1-4 on bracket at other end of burner.
6. Apply a silicone based sealant to the bracket (along all edges).

Note: To assure proper drainage, the decorative gas appliance must be installed on a leveled surface

7. Add additional piping to route the drain to an appropriate location.

NOTE: Install two drains on both burners for the PTO60 (four total).

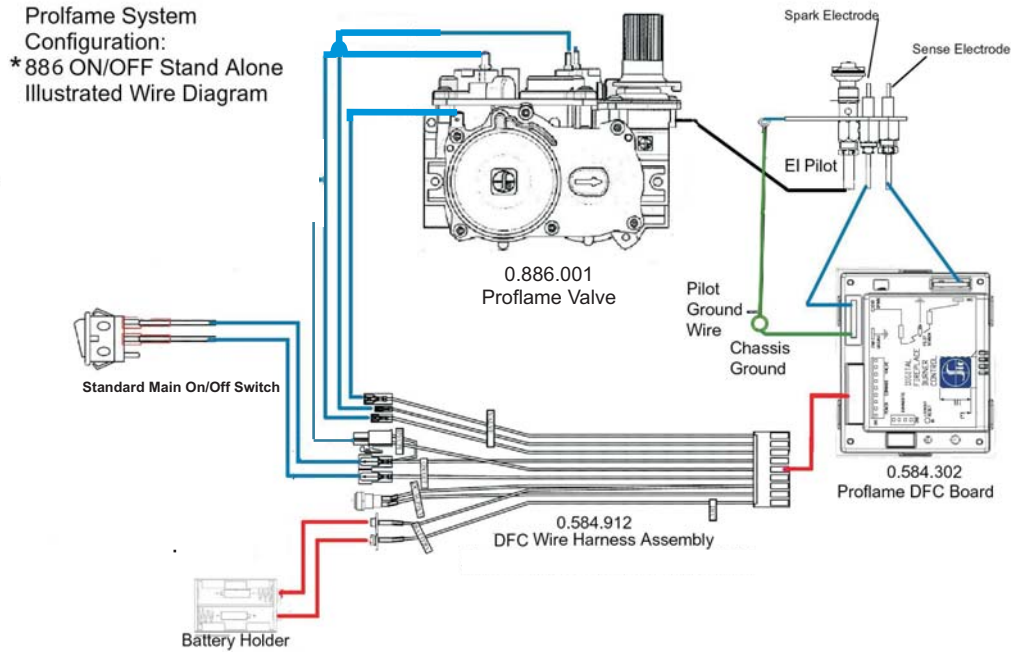


INSTALLATION

PTO30 WIRING DIAGRAM

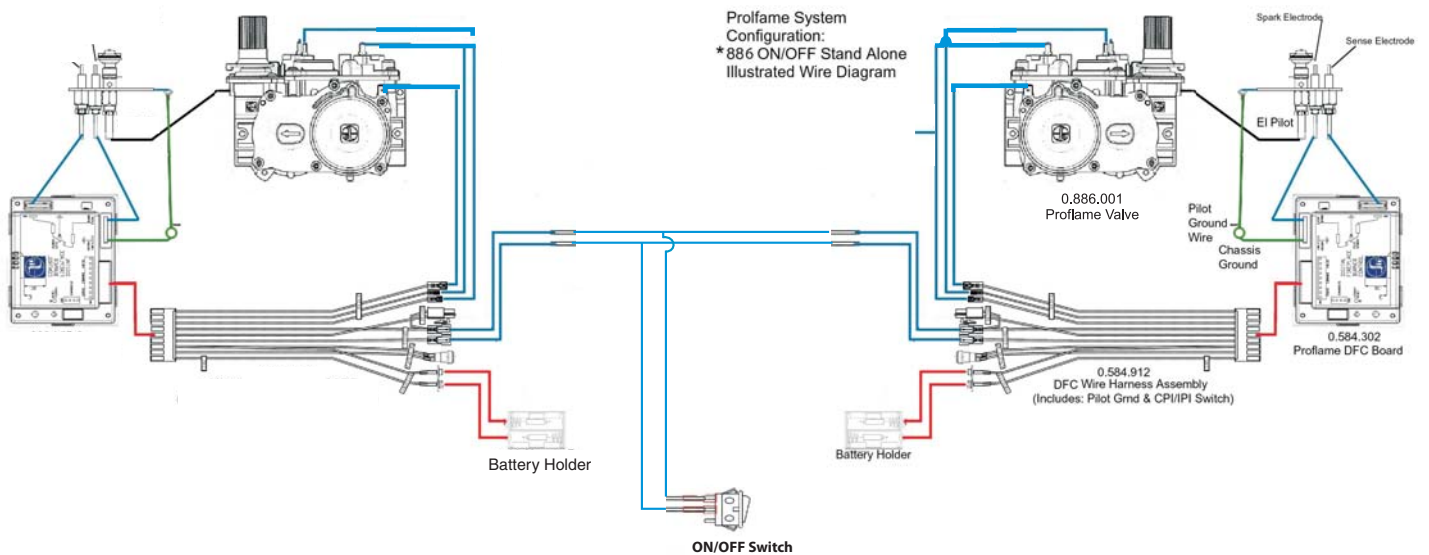
This appliance does not require a 120V A.C. supply for operation.

NOTE: 4 AA batteries must be installed in the battery pack to operate the burner switch. Do not use a 9 volt battery.



The appliance, when installed, must be electrically grounded in accordance with local codes, or in the absence of local codes with the *National Electrical Code, ANSI/NFPA 70*, if applicable.

PTO60 WIRING DIAGRAM (PTO60 = 2 X PTO30 ASSEMBLED END-TO-END)



GLASS CRYSTAL / BASALT VOLCANIC STONES INSTALLATION

Evenly spread the Glass Crystals and optional Basalt Volcanic Stones over the burner. Ensure the crystals (or stones) do not overlap too much as this will effect the flame pattern.

IMPORTANT NOTE:

Only the supplied approved Glass Crystals and Basalt Volcanic stones are to be used with these fireplaces. Use of any other type of glass crystals or stones can alter the unit's performance, any damage caused by the use of any unapproved glass or stones will not be covered under warranty.

When using Basalt Volcanic Stones DO NOT cover pilot light that lead to pilot flame.

BURNER PACKAGES		
Unit	Glass Crystals Only	*Glass Crystals + Volcanic stones ¹
PTO30	10 lbs	5lb glass + 1 box stones- recommended
PTO60	20lbs	10lb glass + 2 boxes - recommended

NOTE: * Glass Crystals are available in 1lb and 5lb bags.
¹ Glass Crystals to be installed on the burner prior to installing stones.
 Basalt Volcanic Stones are measured by weight not quantity. Each bag contains 15 lbs of stones, however the exact quantity and size vary. Sizes vary between 2" - 3"



1. Start pouring Crystals on one end of the burner.

2. Work Crystals to other end of the Burner. Base and burner tube should not be visible when crystals are spread out.



3. Work Crystals downwards to front edge of top edge of burner.

4. Basalt Volcanic Stones shown spread evenly over the burner and crystal base.

5. Ensure Crystals do not block the front of the pilot hood and flame to light the burner.

NOTE: Correct final glass installation of Crystals as shown in step 2 and 3. The Burner should not be visible when the flame is out.

NOTE: Basalt Volcanic Stones are NOT to be placed anywhere on the Pilot assembly area. Glass Crystals to be installed on the burner prior to installing stones.

INSTALLATION

OPTIONAL LOG SET INSTALLATION

NOTE: PTO60 requires 2 log sets.

Read the instructions below carefully and refer to the images. If the logs are broken do not use the unit until they are replaced.

Broken logs can interfere with pilot operation.

Improper positioning of the logs may create carbon build-up and can alter the unit's performance which is not covered under warranty.

Log kit # 326-930 contains the following pieces:

Description

Log A
Log B
Log C
Log D
Log E
Log F

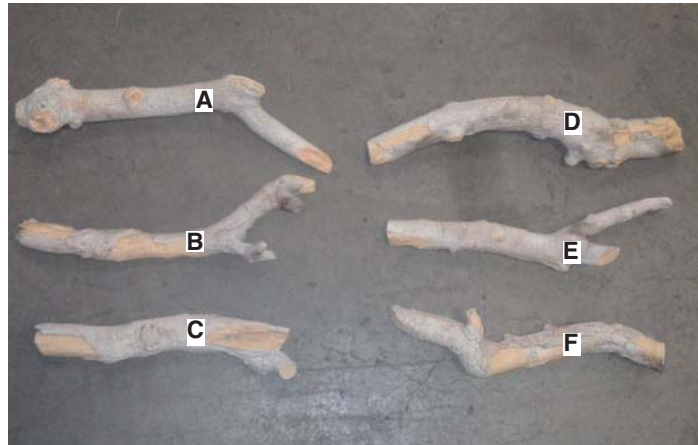


Diagram 1

- 1) Install log A as shown below. Orient the log in the same way and in a similar location on the right side of the burner as shown in Diagram 2.



Diagram 2

- 2) Install log D on the burner as shown below. Orient the log in the same way and in a similar location on the right side of the burner as shown in Diagram 3.



Diagram 3

- 3) Install log E on the burner as shown below. Orient log E across log D in the same way and in a similar position as shown in Diagram 4.

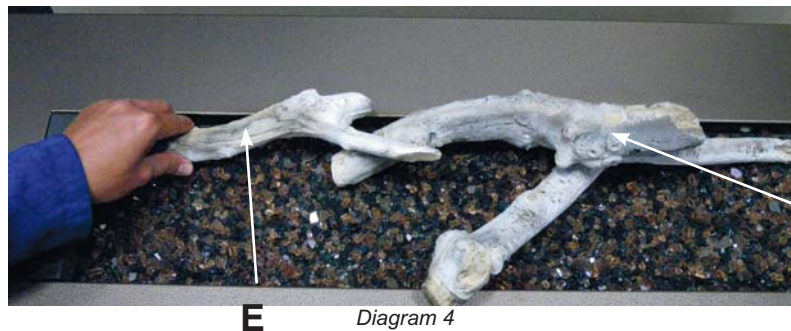


Diagram 4

- 4) Install log B on the left side of the burner as shown below. Orient log B in the same way and in a similar position as shown in Diagram 5.



Diagram 5

- 5) Install log F on the burner as shown below. Orient log F across log A in the same way and in a similar position as shown in Diagram 6.



Diagram 6

- 6) Install log C on the left side of the burner as shown below. Orient log C in the same way and in a similar position as shown in Diagram 7.



Diagram 7

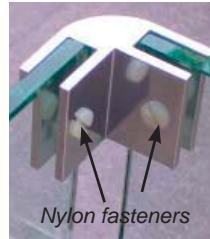
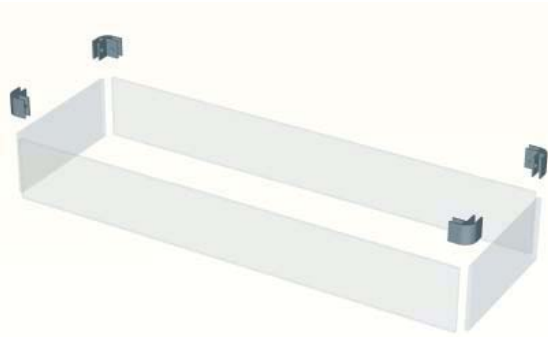


Final Install

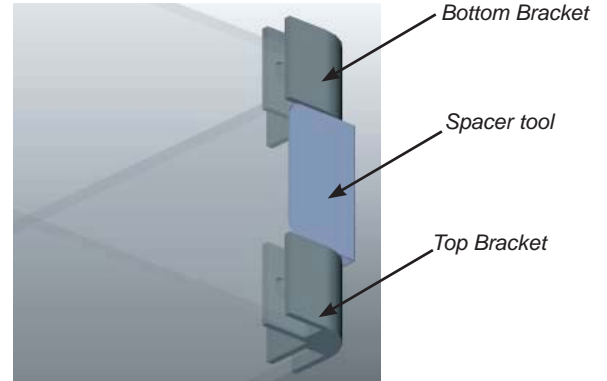
INSTALLATION

OPTIONAL GLASS SURROUND INSTALLATION

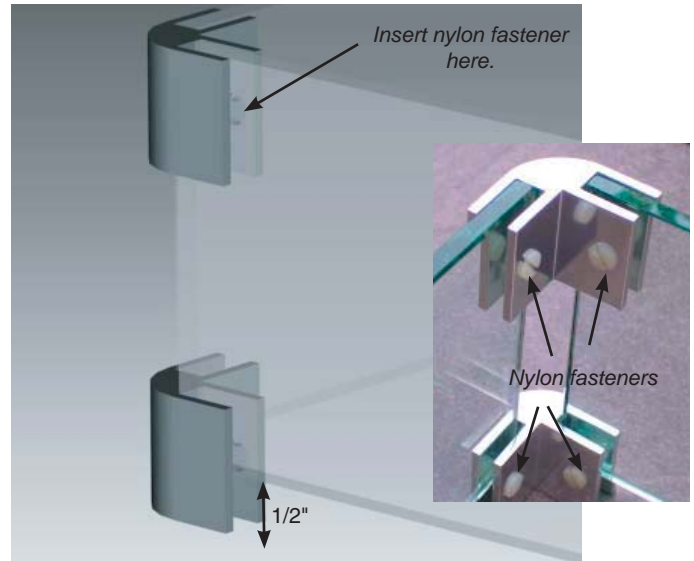
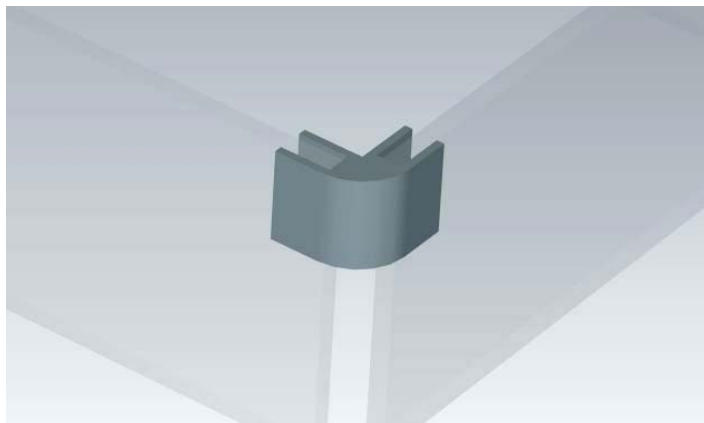
1. Remove metal fasteners from the corner brackets.
2. Assemble the 4 pieces of the glass surround and fasten together with 4 corner top brackets and supplied nylon fasteners as shown below.



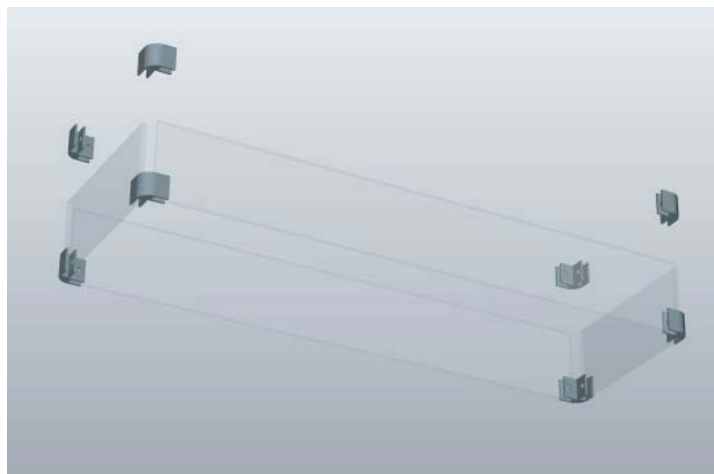
- 4b. Use supplied spacer tool to determine where the bottom bracket should be placed and secured.



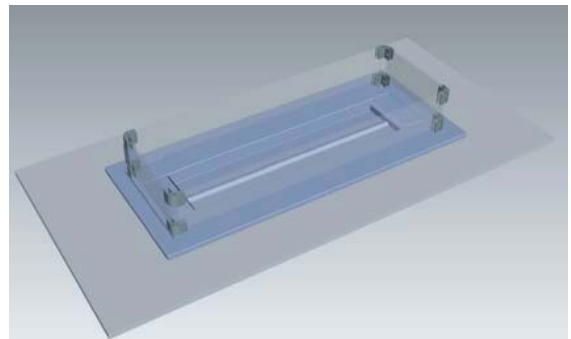
5. Secure bottom corner brackets with nylon fasteners in each corner.
6. Flip the glass back over and place on a soft surface. The glass is now right side up. The glass should be raised up 1/2" in bracket as shown below.



- 4a. After the 4 top brackets are installed - flip over and place on a soft surface, to install the 4 bottom brackets.



7. Place assembled glass surround on table top - ensure glass is centered on the table top. Once in correct position, lift up one end, apply double sided tape that has been cut to size, to the bottom of the brackets. Repeat process on other end. Press down firmly from to secure glass surround in position. Use care not to scratch surfaces.



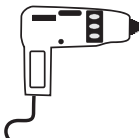
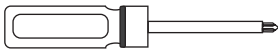


ASSEMBLY INSTRUCTIONS FOR A STEEL STUD SEE THROUGH FRAMING KIT FOR PTO30

Follow these instructions to construct a steel stud see through frame for the PTO30 burner;

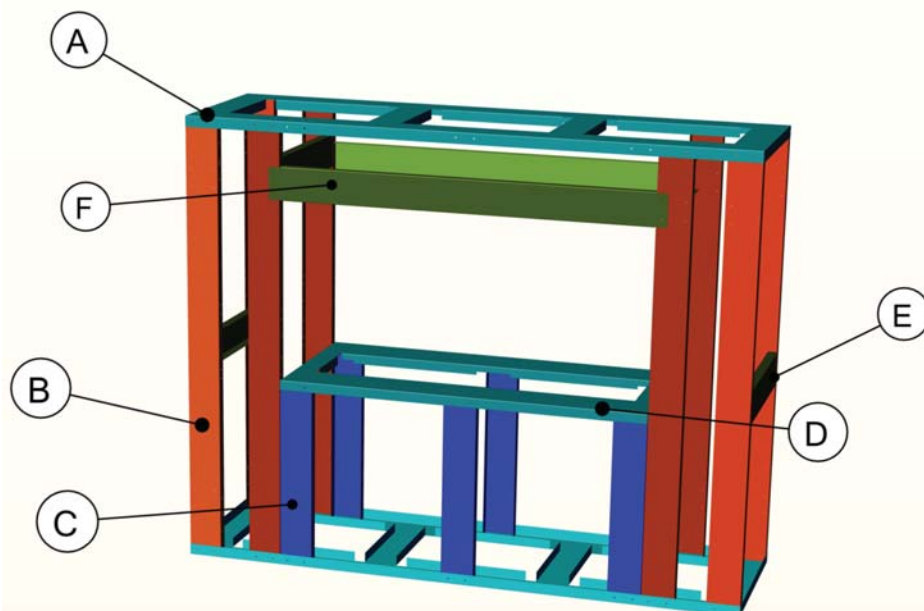
Overall dimensions =64-1/16" W x 51" H x 19" D .

**Non-combustible finishing board not supplied with kit. Board may be purchased at your local hardware/building supply store.

IMPORTANT: Supplied vents need to be installed into non-combustible finishing board, before applying finishing materials. Follow guidelines included with these instructions.

Tools Required	
1 power drill + #2 phillips bit	
1 hand #2 screwdriver (Phillips)	
1 level	
1 tape measure	

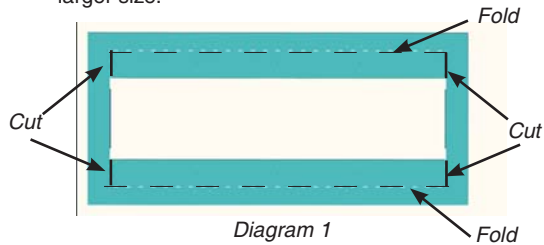
377-908 CONTENTS:	
Top / Bottom	(A) x 2
Vertical Supports - Tall	(B) x 8
Vertical Supports - Short	(C) x 6
Base	(D) x 1
Short Brace	(E) x 4
Header	(F) x 2
Vents	4
Wafer Screws	80



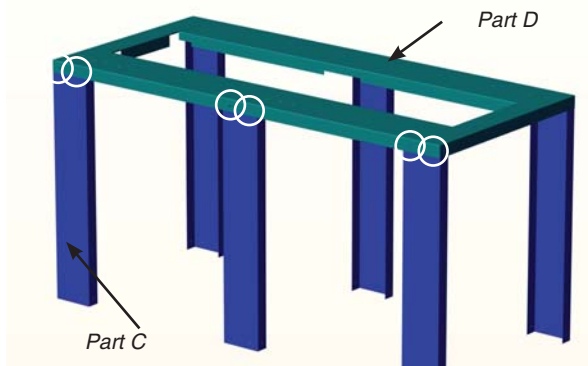
See Through Framing Kit Video

INSTALLATION

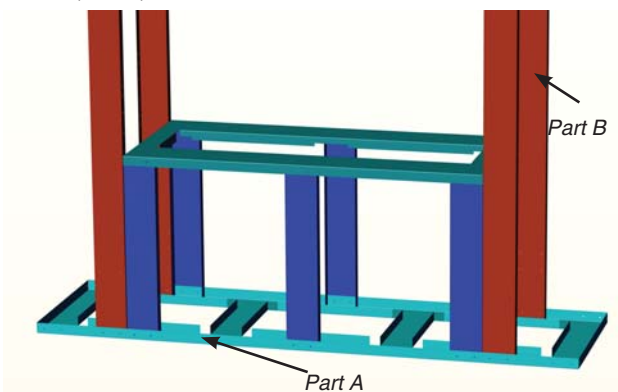
NOTE: If using framing unit with original version of PTO30 (not -1), cut base in areas shown below and fold down to allow room for the larger size.



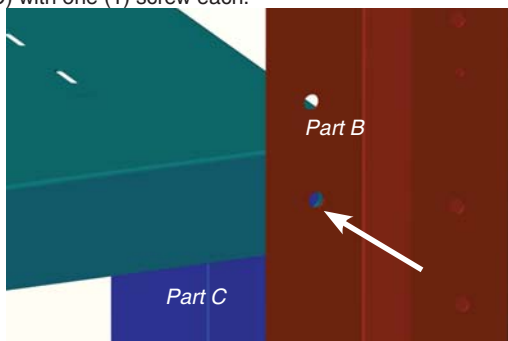
1. Attach six (6) short vertical supports (Part C) to base (Part D) with two (2) screws for each support - twelve (12) screws total. Do not install corner screws.



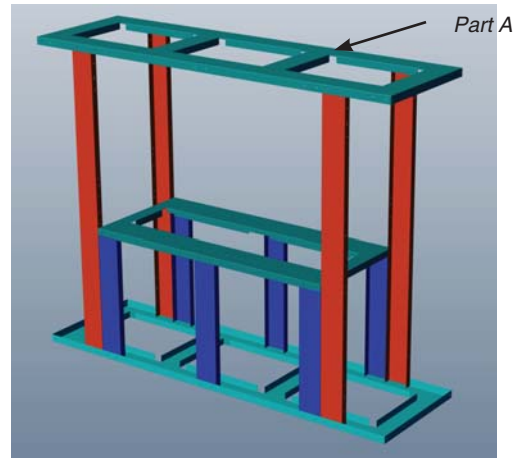
2. Rest subassembly and inner tall vertical supports (Part B) on lower frame (Part A).



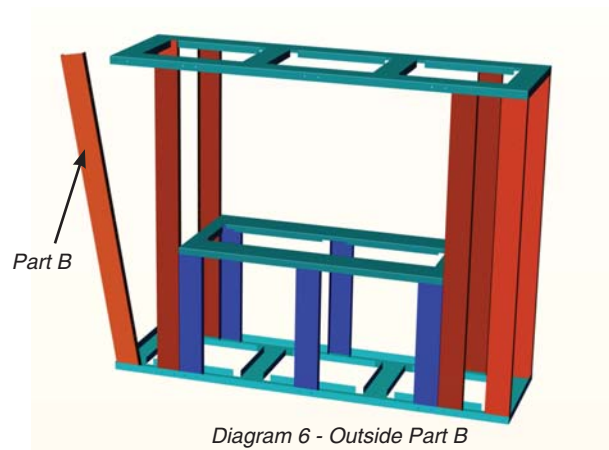
3. Attach inside tall vertical supports (Part B) to short vertical supports (Part C) with one (1) screw each.



4. Secure all vertical supports (Part B) with two (2) screws each to lower frame (Part A).
5. Place top frame (Part A) on inside tall vertical supports (Part B).
6. Secure in place with two (2) screws for each support



7. Manoeuvre in outside tall vertical supports (Part B).



OPTIONAL PROPANE DRAWER:

8. If installing propane drawer, do so before securing outside vertical supports to upper and lower frame (Part A). Attach brackets using two(2) screws on outside tall vertical support (Part B) and one screw (1) on short vertical support (Part D). See propane drawer install to complete installation.

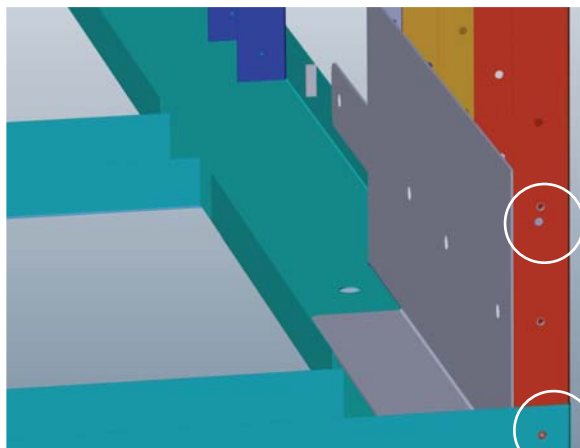
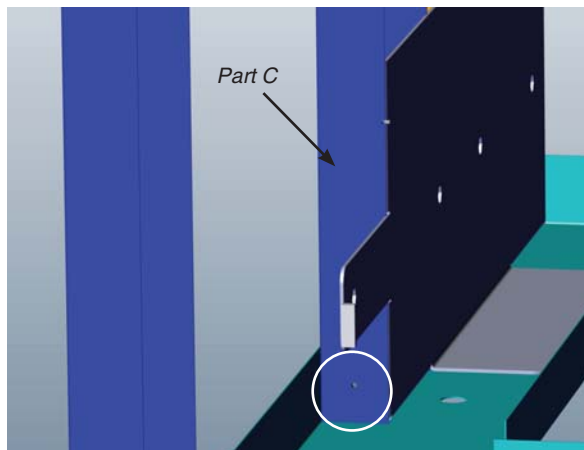


Diagram 7 & 8 - Propane Drawer Bracket

9. Secure all tall vertical supports (Part B) to Top and Bottom Frame (Part A) with three (3) screws each,

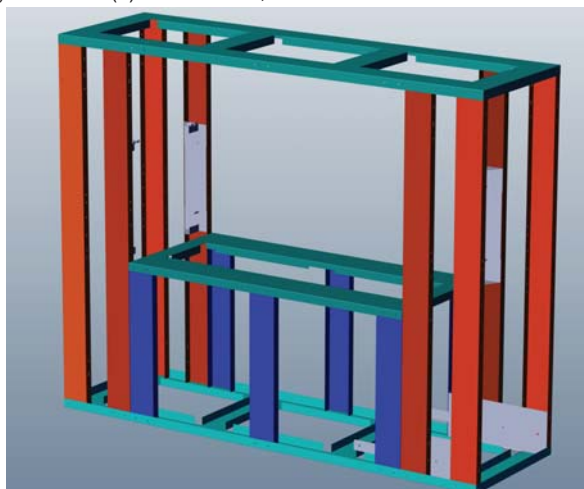


Diagram 10

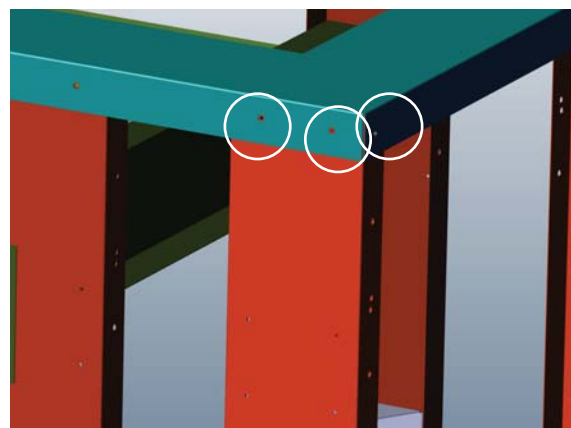


Diagram 11 - Screw Locations

10. Install four(4) short horizontal supports (Part E) - using four (4) screws for each support.

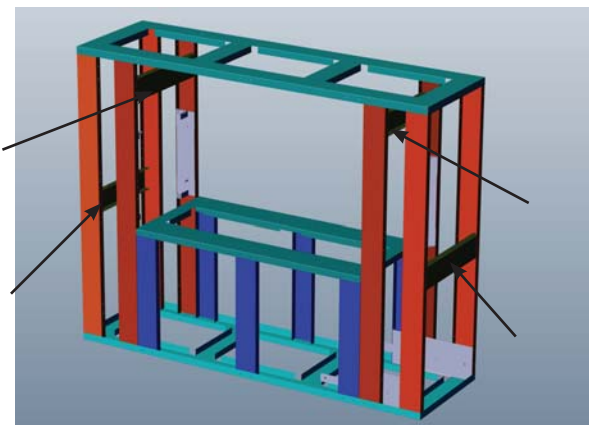


Diagram 12 - Part F locations

11. Install two (2) headers (Part F) with four (4) screws each to complete frame installation

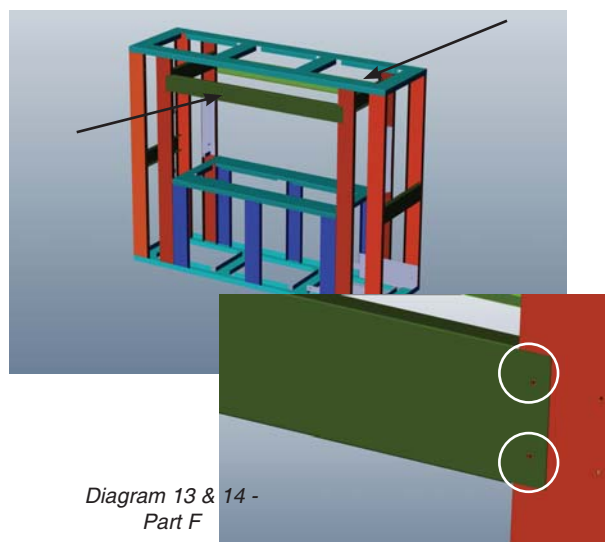


Diagram 13 & 14 - Part F

If installing optional panels or propane tank drawer - continue on to next section.

INSTALLATION

OPTIONAL PANELS:

1. Bend tabs on top flange of side panel to 90°.

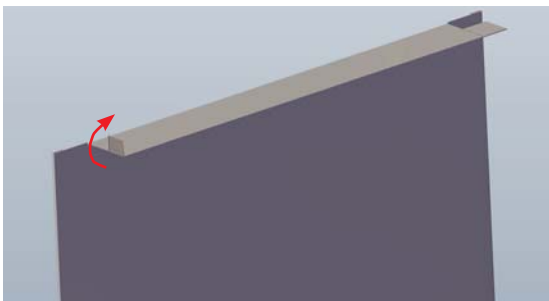


Diagram 1 - Bend tabs to 90°

2. Position panel - lower tabs line up with indents in base.

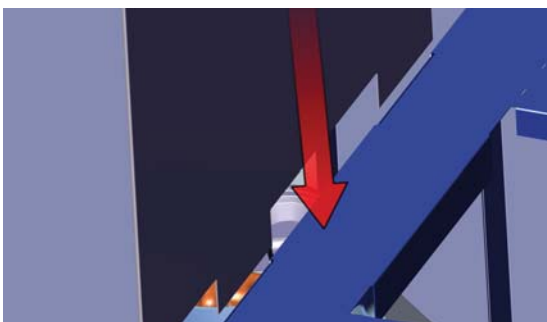


Diagram 2 - Lower tabs on panel aligned with base

3. Bend tabs flat, the side panel will then be supported to allow the installation of the top panel.

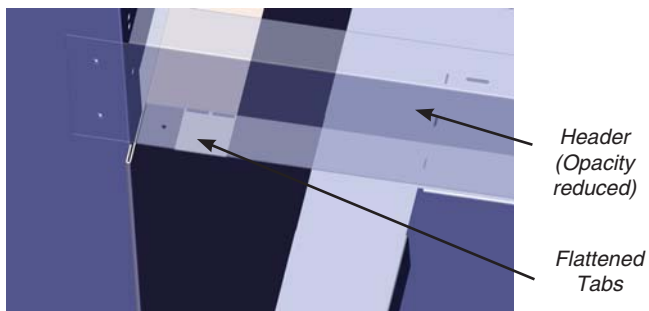


Diagram 3 - Bend tabs flat, panels is supported on headers.

4. Install top panel with six (6) screws in locations shown below.

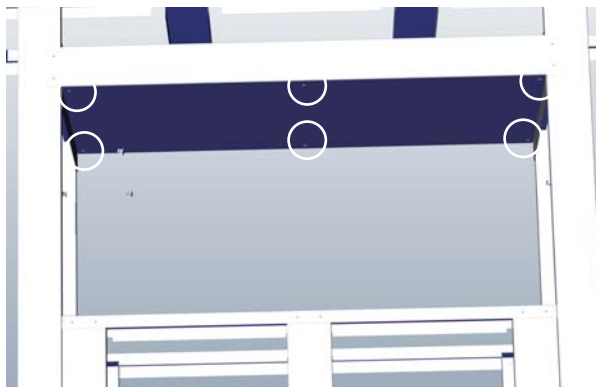


Diagram 2 - Top Panel screw locations

OPTIONAL PROPANE DRAWER:

1. Slide propane drawer into tracks (previously installed in Step 9) until slides clip at end of track.

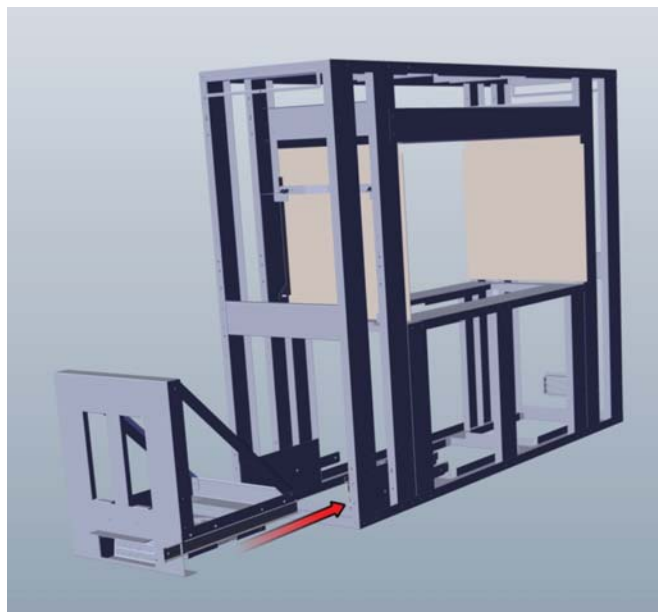


Diagram 1 - Propane Drawer Install

NOTE: Only three (3) of the four (4) supplied vents need to be installed as the propane drawer includes a vent.

REMOTE PROPANE / LP GAS ENCLOSURES INSTALLATION GUIDELINES

If the unit is permanently connected to a gas piping system from a remote supply tank, installation must be in accordance with local codes or, in absence of local codes, with the *National fuel Gas codes ANSI Z223/1.NFPA 54*.
Can/CSA B149.1 Natural Gas and Propane Installation Code.

If constructing an enclosure to conceal the propane / LP cylinder- the enclosure **must adhere** to the following construction requirements:

Enclosures may be constructed with one side completely open **OR** if the enclosure is built with four (4) sides, a top and a bottom:

- A Propane / LP gas cylinder enclosure requires four (4) ventilation openings at the top and bottom of the enclosure. The openings must adhere to the minimum requirements according to the capacity of the cylinder (see Diagram 1).
- Each opening in the enclosure must be equally sized and spaced at a minimum of 180°. Openings must remain unobstructed.
- Top ventilation openings are required on the side walls of the enclosure within 5" (127mm) of the top of the enclosure. They need to be of equal size, unobstructed and spaced 180° apart. The openings need to be a total area of 1 in² / lb (14.2 cm²/kg) of fuel storage capacity.

Propane / LP Tank Enclosure Specifications	
A	Opening 180° apart from each other
B	Minimum of 2" (50.8mm) from floor/ground to base of tank
C	Maximum of 1" (25.4mm) from to base of tank to bottom of opening

Cylinder Size	Opening Size 'A'
10lb (4.5kg)	10in ² (25.4cm ²)
20lb (9.1kg)	20in ² (130cm ²)

WARNING!

When using a LP tank - a minimum 1"(25mm) gap **must be maintained** at all times, between the floor and base of unit.
(Refer to owners manual)

919-031

- Bottom opening must provide a minimum of 1/2 square inches (3.23 cm²) for each pound of propane/LP contained in the tank (see example below).
- Every opening must have minimum dimensions to allow entrance of a 1/8" (3.2mm) diameter rod.
- Ventilation openings in side walls must not communicate directly with other enclosures of the appliance.
- The cylinder valve must be easily accessible by hand. Connections should be easy to leak test inside the enclosure. A door on the enclosure is acceptable only if easily opened without the use of tools and is non locking.
- The enclosure needs to isolate the cylinder from the burner compartment and provide protection from radiation, act as a flame barrier and protect the cylinder from foreign material.
- The enclosure needs to allow connection, disconnection and inspection of the connection of the LP - gas cylinder.
- The enclosure should allow testing of any connection on the LP cylinder that might be disturbed during installation.

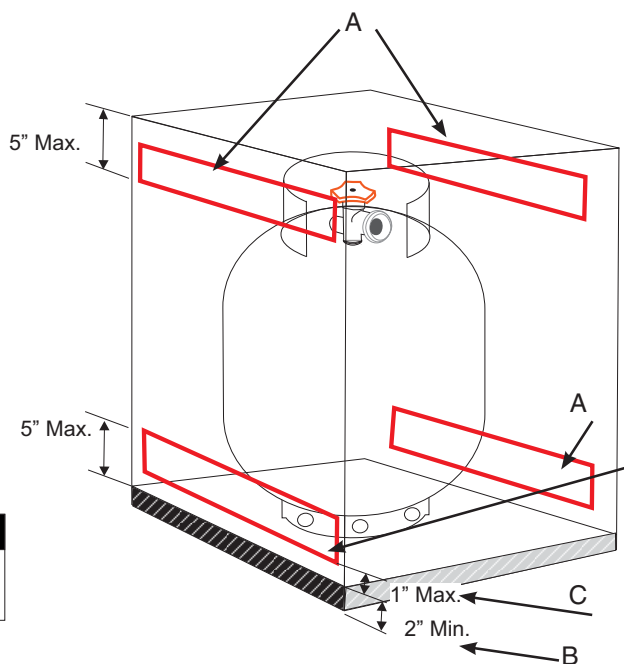


Diagram 1

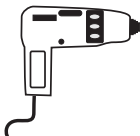



INSTALLATION

ASSEMBLY INSTRUCTIONS FOR A STEEL STUD TABLE FRAMING KIT FOR PTO60

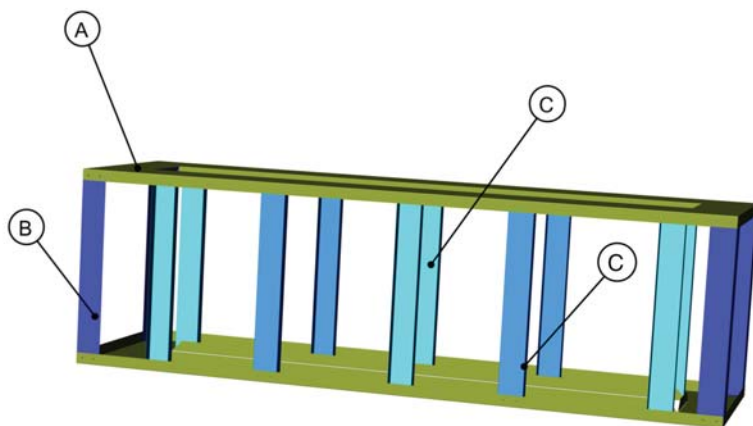
Follow these instructions to construct a steel stud table for the PTO60 burner;
Overall dimensions = 24" W x 24" H x 79" L.

NOTE: PTO60 is two PTO30 units assembled end to end.

****Non-combustible finishing board not supplied with kit. Board may be purchased at your local hardware/building supply store.**

Tools Required	
1 power drill + #2 phillips bit	
1 hand #2 screwdriver (Phillips)	
1 level	
1 tape measure	

377-910 CONTENTS:	
Top / Bottom	(A) x 2
Vertical Supports - Corner	(B) x 4
Vertical Supports - Inner	(C) x 6
Vertical Supports - Outer	(C) x 4
Wafer Screws	80



1. Position each corner vertical support on lower frame and secure with four (4) screws each.

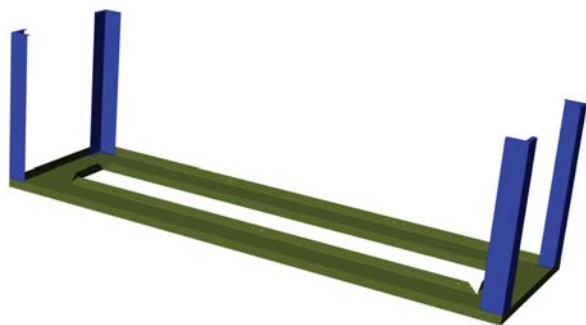


Diagram 1 - Corner supports on lower frame.

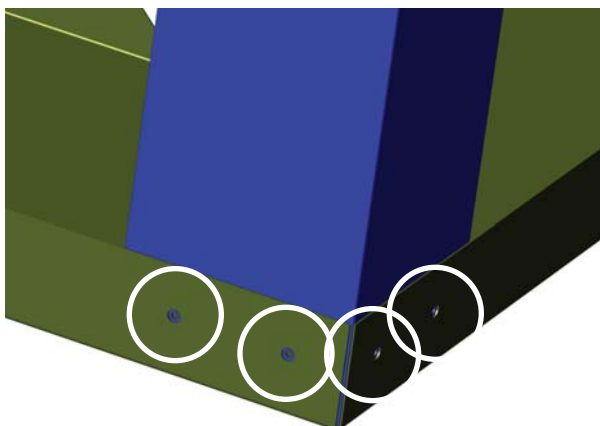


Diagram 2 - Corner supports screw locations

2. Place top frame onto corner vertical supports and secure to each support with four (4) screws.



Diagram 3 - Corner supports with top frame

3. Install six (6) inner vertical supports - secure each support with two (2) screws to top frame and two (2) screws to bottom frame.

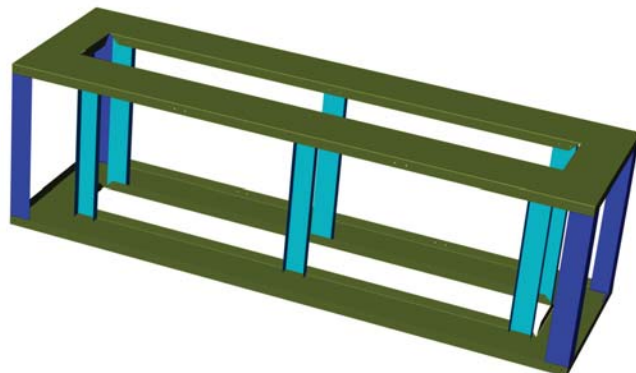


Diagram 4 - Inside vertical supports

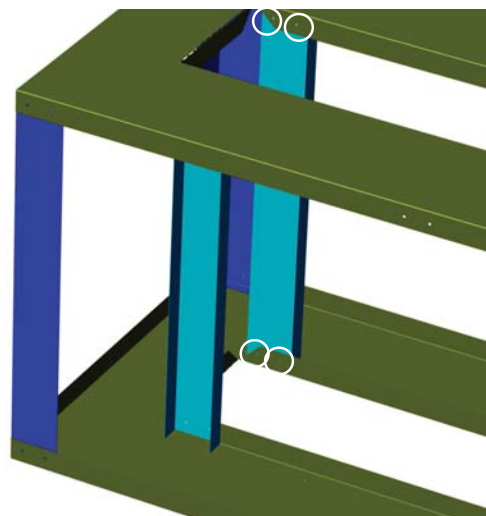


Diagram 5 - Inside vertical support screw locations

4. Install four (4) outer vertical supports - secure each support with two (2) screws to top frame and two (2) screws to bottom frame.

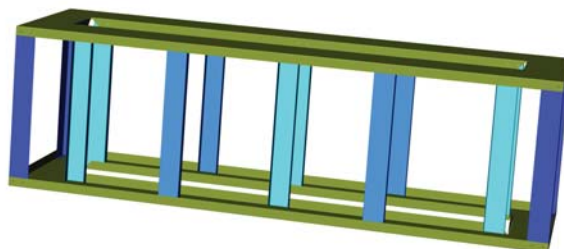


Diagram 6 - Outside vertical supports

OPERATING INSTRUCTIONS

OPERATING INSTRUCTIONS

1. Read and understand these instructions before operating this appliance.
2. Check to see that all wiring is correct and enclosed to prevent possible shock.
3. Check to ensure there are no gas leaks.
4. **Verify log placement. If the pilot cannot be seen when lighting the unit, the logs have been incorrectly positioned.**
5. The unit should never be turned off, and on again without a minimum of a 60 second wait.

FIRST FIRE

The first fire in your decorative gas appliance is part of the paint curing process. To ensure that the paint is properly cured, it is recommended that you burn your decorative gas appliance for at least one (1) hours the first time you use it

When first operated, the unit will release an odour caused by the curing of the paint, the burning off of any oils remaining from manufacturing.

DO NOT ATTEMPT TO CLEAN THE GLASS WHILE IT IS HOT.

LIGHTING PROCEDURE

1. Turn on ON/OFF switch.
2. After approximately 4 seconds the spark ignition system will spark for 60 seconds to light the main burner.
3. The unit will turn on.

Note: The first try for ignition will last approximately 60 seconds. If there is no flame ignition (rectification) the board will stop sparking for approximately 35 seconds. After wait time, the board will start second try for ignition by sparking for approximately 60 seconds. If there is still no positive ignition the board will go into lock out.

The system will need to be reset as follows:

- a. Turn the system off using ON/OFF switch.
- b. After approximately 2 seconds turn on ON/OFF switch.
- c. Unit will repeat step 2.

SHUTDOWN PROCEDURE

1. Turn ON/OFF switch.
2. If service is to be performed - you must disconnect power to the unit, by removing the battery pack.

COPY OF LIGHTING PLATE INSTRUCTIONS

The lighting plate is located on the underside of the table top on the unit.

FOR YOUR SAFETY READ BEFORE LIGHTING

This appliance must be installed in accordance with local codes, if any; if none, follow the National Fuel Gas Code, ANSI Z223.1/NFPA 54, or Natural Gas and Propane Installation Codes, CSA B149.1.

WARNING: If you do not follow these instructions exactly, a fire or explosion may result causing property damage, personal injury or loss of life. Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Refer to the owner's information manual provided with this appliance. For assistance or additional information consult a qualified installer, service agency or gas supplier.

AVERTISSEMENT: Quiconque ne respecte pas à la lettre les instructions dans la présente notice risque de déclencher un incendie ou une explosion entraînant des dommages, des blessures ou la mort.

Une installation, d'ajustement, de modification, de service ou d'entretien peut provoquer des blessures ou des dommages matériels. Reportez-vous au manuel du propriétaire de l'information fournie avec cet appareil. Pour obtenir de l'aide ou des informations supplémentaires consulter un installateur qualifié, une agence de service ou fournisseur de gaz.

A) This appliance is equipped with an ignition device which automatically lights the pilot.

Do not try to light the pilot by hand.

B) **BEFORE OPERATING** smell all around the appliance area for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle on the floor.

WHAT TO DO IF YOU SMELL GAS

- Do not try to light any appliance.
- Do not touch any electric switch, do not use any phone in your building.
- Immediately call your gas supplier from a neighbour's phone. Follow the gas supplier's instructions.
- If you cannot reach your gas supplier, call the fire department.

A) Cet appareil est muni d'un dispositif d'allumage qui allume automatiquement la veilleuse. Ne tentez pas d'allumer la veilleuse manuellement.

B) **AVANT DE FAIRE FONCTIONNER**, reniflez tout autour de l'appareil pour détecter une odeur de gaz. Reniflez près du plancher, car certains gaz sont plus lourds que l'air et peuvent s'accumuler au niveau du sol.

QUE FAIRE SI VOUS SENTEZ UNE ODEUR DE GAZ :

- Ne pas tenter d'allumer d'appareil
- Ne touchez à aucun interrupteur; ne pas vous servir des téléphones se trouvant dans le bâtiment.
- Appelez immédiatement votre fournisseur de gaz depuis un voisin. Suivez les instructions du fournisseur.
- Si vous ne pouvez rejoindre le fournisseur, appelez le service des incendies

CAUTION:

Hot while in operation. Do not touch. Severe Burns may result. Due to high surface temperatures keep children, clothing and furniture, gasoline and other liquids having flammable vapors away. Keep burner and control compartment clean. See installation and operating instructions accompanying appliance.

LIGHTING INSTRUCTIONS

STOP! Read the safety information on this label.

- 1) Turn on ON/OFF switch
- 2) After approximately 4 seconds the spark ignition system will spark for 60 seconds to light the main burner.
- 3) The unit will turn on.

Note: The first attempt to ignition will last approximately 60 seconds. If there is no flame ignition (rectification) the board will stop sparking for approximately 35 seconds. After this wait time, the board will start a second try for ignition by sparking for approximately 60 seconds. If there is still no positive ignition after the second attempt the board will go into lock out.

The system will need to be reset as follows (after going into lock out mode):

- a) Wait 5 minutes - turn the system off using ON/OFF switch.
- b) After approximately 2 seconds turn on ON/OFF switch.
- c) Unit will repeat step 2.

1) Appuyez le bouton ON / OFF

2) Attendre 4 secondes. Le système d'allumage produira des étincelles pendant 60 secondes afin d'amorcer le brûleur principal.

3) Les flammes s'allumeront.

Remarque : Au premier allumage, le système tente d'allumer les flammes pendant 60 secondes. Si l'essai est infructueux, le système fait une pause de 35 secondes. C'est ce qu'on appelle l'étape de rectification. Ce délai écoulé, le système tente à nouveau d'allumer les flammes en produisant des étincelles pendant 60 secondes. Si les flammes ne s'allument toujours pas, le système se met en mode verrouillage.

Il faut alors le réinitialiser en suivant les étapes ci-dessous (pour le déverrouiller) :

- a) Attendre 5 minutes et éteindre l'appareil en réglant l'interrupteur à la position « OFF »;
- b) Attendre 2 secondes et rallumer le système à l'aide de l'interrupteur.
- c) L'unité répétera l'étape 2.

TO TURN OFF GAS APPLIANCE

- 1) Turn off ON/OFF switch
- 2) If service is to be performed - you must disconnect power to the unit, from the battery pack, refer to manual
- 1) Appuyez sur le bouton ON / OFF
- 2) Si le service est effectuée, vous devez débrancher l'appareil, du bloc-piles, voir le manuel d'instruction pour plus de détails.

DO NOT REMOVE THIS INSTRUCTION PLATE

918-892a

MAINTENANCE INSTRUCTIONS

1. Always turn off the gas valve and unplug the batteries before cleaning. For relighting, refer to lighting instructions. Keep the burner and control compartment clean by brushing and vacuuming at least once a year. When cleaning the logs, use a soft clean paint brush as the logs are fragile and easily damaged.
2. Clean off leaves etc. before burning.
3. Clean appliance with a damp cloth (never when unit is hot). Never use an abrasive cleaner. The glass should be cleaned with a outdoor decorative gas appliance glass cleaner.
4. Hand and finger marks should be cleaned off with a soft cloth and a stainless steel cleaner. Most stainless steel cleaners leave a film/residue on the surface of the panels. Use an ammonia based cleaner (ie. glass cleaner) to remove this film before applying heat to the unit. Failure to do this will result in burn stains on panels which you will be unable to remove.
5. The heater is finished in a heat resistant paint and should only be refinished with heat resistant paint. Regency® uses StoveBright Paint - Metallic Black #6309.
6. Make a periodic check of burner for proper position and condition. Visually check the flame of the burner periodically, making sure the flames are steady; not lifting or floating. If there is a problem, call a qualified service person.
7. Do not use this appliance if the valve and/or electronic components have been or are submerged under water. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any gas control which has been under water. This is not covered under the terms of the warranty policy.
8. Verify operation after servicing.

VALVE ASSEMBLY REPLACEMENT

Turn the unit off and allow to cool to room temperature.

1. Turn off gas supply

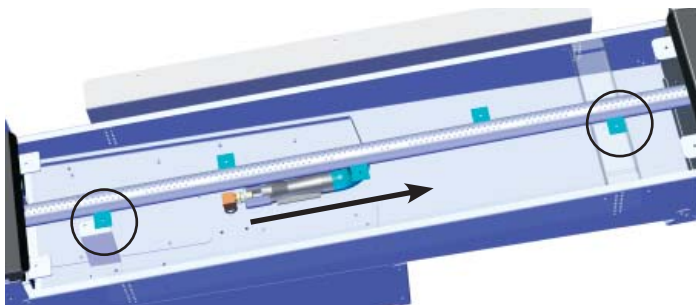
2. Remove the pilot shield.

3. Remove glass crystals, garden stones and log set, if installed.

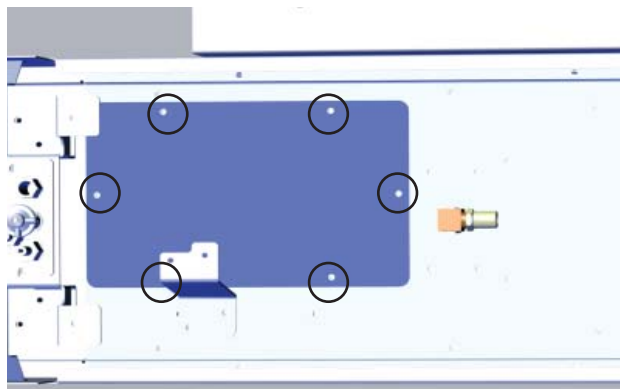
4. Locate and remove 9 screws to remove the burner tray.



5. Lift burner tray off.



6. Remove 6 screws on valve access cover.



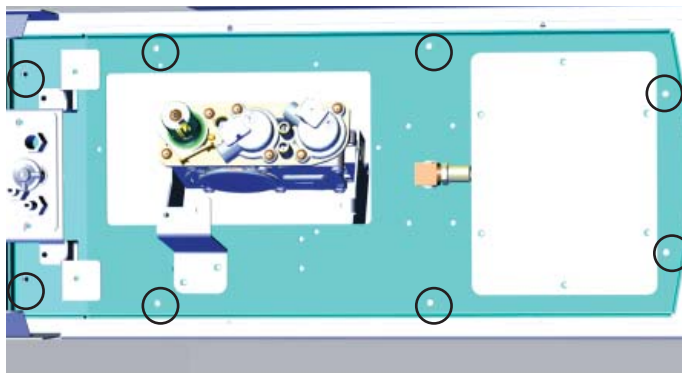
7. Turn off gas supply and remove flex connection at valve.

8. Remove orange EV1 wire connected to the gas valve.

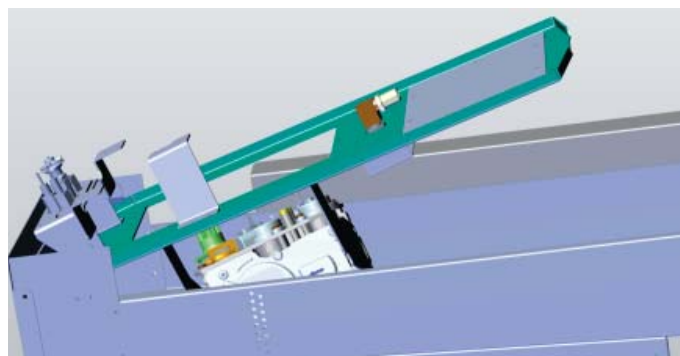
9. Remove green EV2 wire connected to the gas valve.



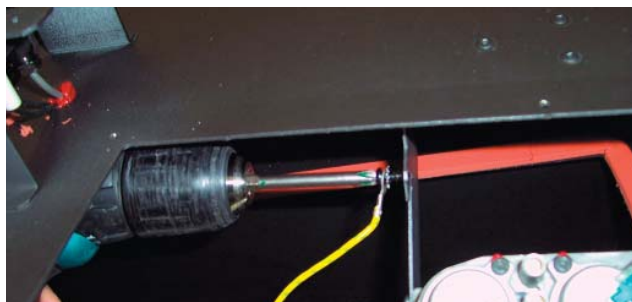
10. Remove 8 screws securing valve assembly.



11. Lift valve assembly up and out.



12. Remove both yellow/green ground wires from valve and valve bracket.



13. Replace valve assembly gasket if necessary.

14. Rotate HI/LO modulating valve all the way to the left for HI position.

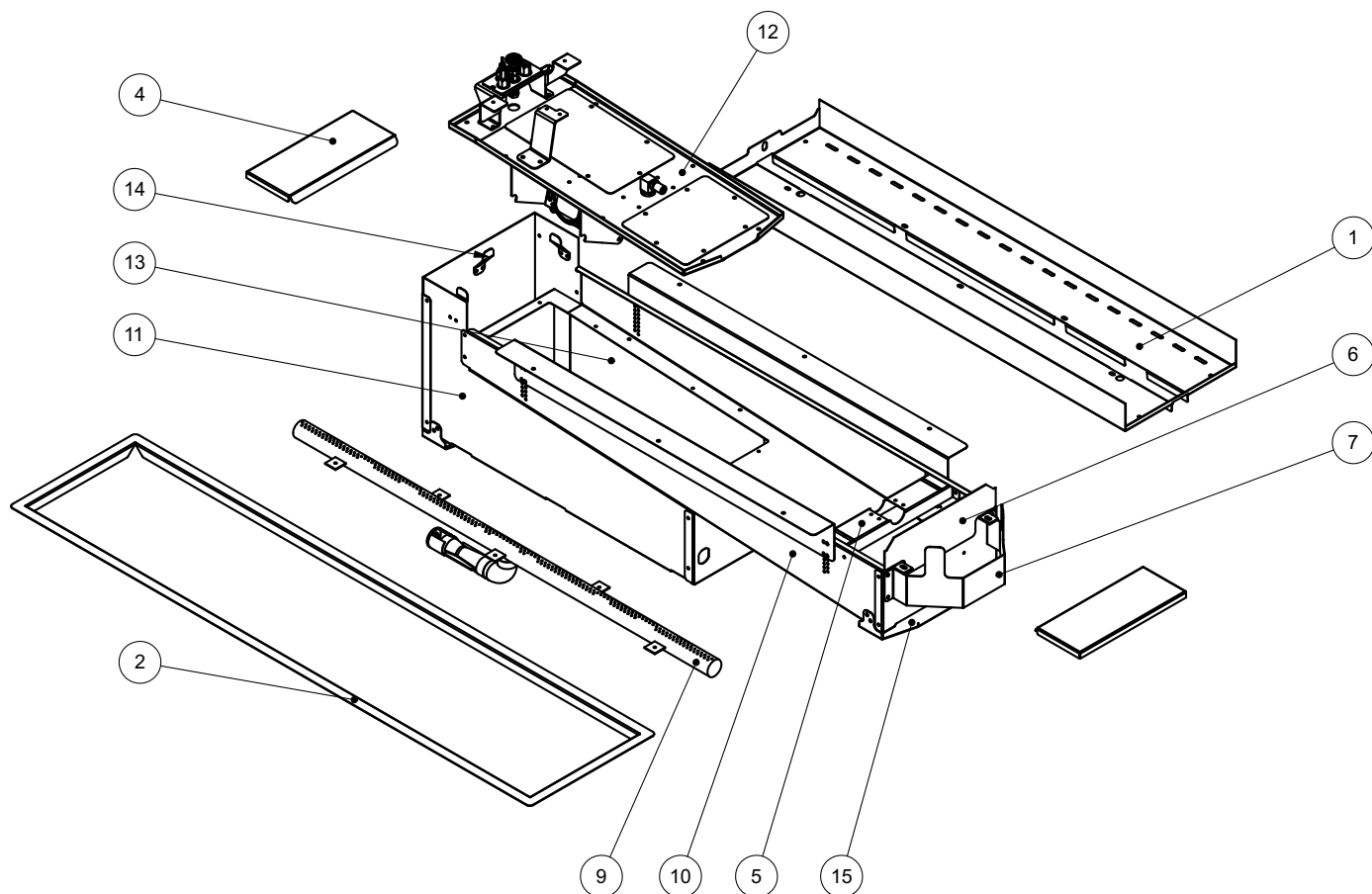
15. Install new valve assembly and reverse steps 11-1.

16. Test gas connections for leaks.

PARTS LIST

PARTS

	Part #	Description		Part #	Description
1	377-024	Burner Tray	9	376-526	Burner
2	377-035	Finishing Trim	10	377-045	Firebox
3	377-026	Mounting Bracket	11	377-046	Controls Enclosure
4	377-034	Pilot Shield	12	377-510	Valve Tray
5	377-027	Burner Mount	13	377-047	Components Cover
6	377-028	Burner Tray End	14	377-048	Pilot Shield support
7	377-030	Offset Bracket	15	377-054	Drainage Bracket
8	376-512	Electronic Assembly			



NOTE: PTO60 is two PTO30 units assembled end to end.



Regency® Fireplace Products are designed with reliability and simplicity in mind. In addition, our internal Quality Assurance Team carefully inspects each unit thoroughly before it leaves our facility. FPI Fireplace Products International Ltd. is pleased to extend this limited warranty to the original purchaser of a Regency® Product. This warranty is not transferable.

Limited Warranty:

The gas valve, burner tube, pilot assembly, flame sensor, electrode, control modules, switches and wiring for battery compartment are all covered for (2) two years on parts and (1) one year on subsidized* labor only against defect in manufacture, from date of purchase.

Ceramic logs, volcanic stones, glass crystals, and tempered glass wind shield carry a (1) one year warranty against manufacturing defect, on parts, with no labor allowance, from date of purchase.

Special finishes such as stainless steel components are not covered against environmental damage including corrosion, misuse, cleaning or handling issues that cause discoloration. To receive consideration any damage claim against stainless steel components must be submitted at the time of installation. Damage from abrasive cleaners and discolouration to stainless components caused by heat, are not covered under warranty. Damage reported after installation will not be covered.

Repair/replacement parts purchased by the consumer from FPI after the original coverage has expired on the unit will carry a 90 day warranty, valid only with a receipt. Any item shown to be defective will be repaired or replaced at our discretion. No labor coverage is included with these parts.

Conditions:

Any part or parts of this unit which in our judgement show evidence of such defects will be repaired or replaced at FPI's option, through an accredited distributor or agent provided that the defective part be returned to the distributor or agent Transportation Prepaid, if requested.

It is the general practice of FPI to charge for larger, higher priced replacement parts and issue credit once the replaced component has been returned to FPI and evaluated for manufacturer defect.

The authorized selling dealer is responsible for all in-field service work carried out on your Regency® product. FPI will not be liable for results or costs of workmanship from unauthorized service persons or dealers.

At all times FPI reserves the right to inspect product in the field which is claimed to be defective.

All claims must be submitted to FPI by authorized selling dealers. It is essential that all submitted claims provide all of the necessary information including customer name, purchase date, serial #, type of unit, problem, and part or parts requested, without this information the warranty will be invalid.

Exclusions:

Batteries are not covered under warranty policy.

At no time will FPI be liable for any consequential damages which exceed the purchase price of the unit. FPI has no obligation to enhance or modify any unit once manufactured. ie. as products evolve, field modifications or upgrades will not be performed.

FPI will not be liable for travel costs for service work.

Installation and environmental problems are not the responsibility of the manufacturer and therefore are not covered under the terms of this warranty policy.

Any unit which shows signs of neglect or misuse is not covered under the terms of this warranty policy.

The warranty will not extend to any part which has been tampered with or altered in any way, or in our judgment has been subject to misuse, improper installation, negligence or problems caused by environmental or geographical conditions, inadequate ventilation.

Freight damage to stoves and replacement parts is not covered by warranty and is subject to a claim against the freight carrier by the dealer.

FPI will not be liable for acts of God, or acts of terrorism, which cause malfunction of the appliance.

Malfunction | damage of this appliance due to mother nature (wind, rain, snow, etc.) is not covered under the terms of the warranty policy.

Performance problems due to operator error will not be covered by this warranty policy.

Products made or provided by other manufacturers and used in conjunction with the operation of this appliance without prior authorization from FPI, may create a danger and nullify your warranty on this product.

Any alteration to the unit which causes sooting or carboning that results in damage to the interior / exterior facia is not the responsibility of FPI.

* Subsidy according to job scale as predetermined by FPI.

Register your Regency® warranty online www.regency-fire.com

Reasons to register your product online today!

- View and modify a list of all your registered products.
- Request automatic email notification of new product updates.
- Stay informed about the current promotions, events, and special offers on related products.

Installer: Please complete the following information

Dealer Name & Address: _____

Installer: _____

Phone #: _____

Date Installed: _____

Serial No.: _____